

saint joseph's college

of rensselaer, indiana

is a small college

for men

founded in 1889

and

conducted by

the fathers of

the society of the precious blood

granting b.a.

and b.s. degrees.

this is the

seventieth

annual catalogue

with announcements for

1960-1961

cover design by Thomas W. DeMint, '59



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EAST CHICAGO CAMPUS

In addition to courses on campus, the College operates a four year branch at East Chicago, Indiana, known as the Saint Joseph's College CALUMET CENTER. Opened in 1951, the CALUMET CENTER offers courses leading to the baccalaureate degree, and in adult education. For further information, write to the Office of the Director, 4708 Indianapolis Blvd., East Chicago, Indiana.

SUMMER SESSIONS

A six-week SUMMER SESSION is offered on both campuses; a six-week SUMMER SESSION in Field Geology is offered at Silver City, New Mexico. For further information, write to the Director of the Summer Session, Saint Joseph's College, Rensselaer, Indiana.

ACCREDITATION

Saint Joseph's College is a member of or is accredited by the following associations and standardizing agencies:

Adult Education Association

American Council on Education

Association of American Colleges

Association of American Colleges for Teacher Education

Association of University Evening Colleges

Commission on Christian Higher Education of the Association of American Colleges

Indiana Association of Church Related and Independent Colleges

Indiana Conference of Higher Education

National Catholic Education Association

North Central Association of Colleges and Secondary Schools

State of Indiana Department of Public Instruction for the training of elementary and high school teachers.

Approved by the American Medical Association for pre-medical training.

Affiliated on 3-2 (Liberal Arts-Engineering) Programs with: Marquette University; Purdue University; Rose Polytechnic Institute; Saint Louis University; University of Illinois; University of Notre Dame. Students on the 3-2 program may transfer to any accredited engineering college.

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CALENDAR for 1960

JANUARY							FEBRUARY							MARCH							APRIL							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
						1	2		1	2	3	4	5	6		1	2	3	4	5		1	2					
3	4	5	6	7	8	9	7	8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9
10	11	12	13	14	15	16	14	15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16
17	18	19	20	21	22	23	21	22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23
24	25	26	27	28	29	30	28	29							27	28	29	30	31			24	25	26	27	28	29	30
31																												
MAY							JUNE							JULY							AUGUST							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
1	2	3	4	5	6	7		1	2	3	4				1	2						1	2	3	4	5	6	7
8	9	10	11	12	13	14	5	6	7	8	9	10	11		3	4	5	6	7	8	9	7	8	9	10	11	12	13
15	16	17	18	19	20	21	12	13	14	15	16	17	18		10	11	12	13	14	15	16	14	15	16	17	18	19	20
22	23	24	25	26	27	28	19	20	21	22	23	24	25		17	18	19	20	21	22	23	21	22	23	24	25	26	27
29	30	31					26	27	28	29	30				24	25	26	27	28	29	30	28	29	30	31			
SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
						1	2	3							1	2	3	4	5			1	2	3				
4	5	6	7	8	9	10	2	3	4	5	6	7	8		6	7	8	9	10	11	12	4	5	6	7	8	9	10
11	12	13	14	15	16	17	9	10	11	12	13	14	15		13	14	15	16	17	18	19	11	12	13	14	15	16	17
18	19	20	21	22	23	24	16	17	18	19	20	21	22		20	21	22	23	24	25	26	18	19	20	21	22	23	24
25	26	27	28	29	30		23	24	25	26	27	28	29		27	28	29	30				25	26	27	28	29	30	31

CALENDAR for 1961

JANUARY							FEBRUARY							MARCH							APRIL								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
1	2	3	4	5	6	7		1	2	3	4				1	2	3	4				1							
8	9	10	11	12	13	14	5	6	7	8	9	10	11		5	6	7	8	9	10	11	2	3	4	5	6	7	8	
15	16	17	18	19	20	21	12	13	14	15	16	17	18		12	13	14	15	16	17	18	9	10	11	12	13	14	15	
22	23	24	25	26	27	28	19	20	21	22	23	24	25		19	20	21	22	23	24	25	16	17	18	19	20	21	22	
29	30	31					26	27	28						26	27	28	29	30			23	24	25	26	27	28	29	
MAY							JUNE							JULY							AUGUST								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
1	2	3	4	5	6			1	2	3					1							1	2	3	4	5	6	7	
7	8	9	10	11	12	13	4	5	6	7	8	9	10		2	3	4	5	6	7	8	6	7	8	9	10	11	12	
14	15	16	17	18	19	20	11	12	13	14	15	16	17		9	10	11	12	13	14	15	13	14	15	16	17	18	19	
21	22	23	24	25	26	27	18	19	20	21	22	23	24		16	17	18	19	20	21	22	20	21	22	23	24	25	26	
28	29	30	31				25	26	27	28	29	30			23	24	25	26	27	28	29	27	28	29	30	31			
SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
						1	2	1	2	3	4	5	6	7		5	6	7	8	9	10	11	3	4	5	6	7	8	9
3	4	5	6	7	8	9	8	9	10	11	12	13	14		5	6	7	8	9	10	11	3	4	5	6	7	8	9	
10	11	12	13	14	15	16	15	16	17	18	19	20	21		12	13	14	15	16	17	18	10	11	12	13	14	15	16	
17	18	19	20	21	22	23	22	23	24	25	26	27	28		19	20	21	22	23	24	25	17	18	19	20	21	22	23	
24	25	26	27	28	29	30	29	30	31						26	27	28	29	30			24	25	26	27	28	29	30	

COLLEGE CALENDAR, 1960-1961

First Semester

September 11-14 Sunday-Wednesday, Induction, Orientation and Retreat for freshmen and new students.

September 13-14 Tuesday-Wednesday, Registration for returning students; obligatory attendance at evening High Mass, 8:00 p.m., Official Opening of the School Year.

September 15 Thursday, Classes begin at 8:00 a.m.

September 23 Friday, limit for changes in class schedule.

October 15 Saturday, limit for permission to discontinue a course.*

November 1 Tuesday, All Saints Day; no classes.

November 5 Saturday, mid-semester grade reports due.

November 23 Wednesday, Thanksgiving recess begins at noon.

November 28 Monday, classes resume at 8:00 a.m.

December 8 Thursday, Feast of the Immaculate Conception; no classes.

December 17 Saturday, Christmas recess begins at noon.

January 3 Tuesday, classes resume at 8:00 a.m.

January 9-10 Monday-Tuesday, Senior Comprehensive Examinations.

January 16-17 Monday-Tuesday, Senior Graduate Record Examinations.

January 19-24 Thursday-Tuesday, Semester examinations.

January 29 Sunday, Baccalaureate Exercises.

NOTE: Christmas falls on Sunday.

*First-semester freshmen have until Saturday, November 12, to discontinue a course.

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Second Semester

January 31	Tuesday, Registration for Second Semester
February 1	Wednesday, classes begin at 8:00 a.m. Official Opening of the Second Semester.
February 8	Wednesday, limit for changes in class schedule.
February 18-19	Senior Retreat; closed weekend for Seniors.
February 25-26	Junior Retreat; closed weekend for Juniors.
March 3	Friday, limit for permission to discontinue a course.*
March 4-5	Free weekend in honor of St. Thomas Aquinas; from Friday, last class or laboratory, to Monday, 8:00 a.m.
March 7	Tuesday, Feast of St. Thomas Aquinas, Patron of Schools; 8:00 p.m., obligatory attendance for Catholic students at Solemn Mass in honor of St. Thomas Aquinas.
March 11-12	Sophomore Retreat; closed weekend for Sophomores.
March 18-19	Freshman Retreat; closed weekend for Freshmen.
March 29	Wednesday, mid-semester grade reports due; Easter recess begins at noon.
April 5	Wednesday, classes resumed at 12:00 noon.
April 24-25	Monday-Tuesday, Senior Comprehensive Examinations.
May 1	Monday, Feast of St. Joseph, Patron of the College; closed freeday.
May 2-3	Tuesday-Wednesday, Senior Graduate Record Examination.
May 7	Sunday, Parent's Day: Conferral of Honors and Awards.
May 11	Thursday, Ascension Day, no classes.
May 26-31	Friday-Wednesday, Semester Examinations.
June 4	Sunday, Baccalaureate Exercises.

Summer Session 1961

June 19-July 29	
July 30	Baccalaureate Exercises

*First-semester freshmen have until Saturday, April 8, to discontinue a course.

BOARD OF CONTROL 7

BOARD OF CONTROL

Very Reverend John E. Byrne, C.P.P.S.,* President
Reverend Isidore McCarthy, C.P.P.S.
Very Reverend Raphael H. Gross, C.P.P.S.
Reverend Harold V. Diller, C.P.P.S., Secretary
Reverend Norbert Sweeterman, C.P.P.S., Treasurer
Reverend Edward A. Maziarz, C.P.P.S.

BOARD OF LAY TRUSTEES

The Board of Lay Trustees was organized on December 8, 1950. Composed of alumni and non-alumni members, it is charged with the responsibility of giving assistance and advice on matters pertaining to the administration of the College.

Officers of the Board

Robert A. Gallagher, Indianapolis, Indiana, Chairman
Rev. John M. Lefko, C.P.P.S., Secretary

Members Ex-Officio

Very Reverend Raphael H. Gross, C.P.P.S., President of the College
Reverend Edward A. Maziarz, C.P.P.S., Dean of the College
Reverend John M. Lefko, C.P.P.S., Treasurer of the College

Alumni Members

William A. Hanley, '08, Indianapolis, Indiana
Justin H. Oppenheim, '19, Coldwater, Ohio
Raymond Ziegman, Orrville, Ohio

Members at Large

William B. Ansted, Jr., Indianapolis, Indiana
Frank Benchik, Munster, Indiana
Joseph H. Broderick, Muncie, Indiana
Frank C. Callahan, Chicago, Illinois
Walter Darling, Chicago, Illinois
Robert A. Gallagher, Indianapolis, Indiana
Clarence A. Gramelspacher, Jasper, Indiana
George S. Halas, Chicago, Illinois
Charles A. Halleck, Rensselaer, Indiana
Arthur Hellyer, Chicago, Illinois
Morris E. Jacobs, Omaha, Nebraska
Thomas A. Lewis, Chicago, Illinois
James B. McCahey, Sr., Chicago, Illinois
Frank M. McHale, Indianapolis, Indiana
Richard A. O'Connor, Fort Wayne, Indiana

* C.P.P.S. These letters are the abbreviations of Congregatio Preciosissimi Sanguinis, the official name of the Society of the Precious Blood. All the priests and brothers at Saint Joseph's are members of this religious community.

8 SAINT JOSEPH'S COLLEGE

A D M I N I S T R A T I V E S T A F F

Very Reverend Raphael H. Gross, C.P.P.S., A.M., Ph.D., President
Reverend Edward A. Maziarz, C.P.P.S., M.A., M.S., Ph.D., Academic Dean
Reverend Rudolph P. Bierberg, C.P.P.S., S.T.L., S.T.D., Assistant Academic Dean
Reverend John M. Lefko, C.P.P.S., Treasurer
Reverend Rufus H. Esser, C.P.P.S., M.A., Secretary
Reverend Charles H. Banet, C.P.P.S., A.M.L.S., Librarian
Reverend Daniel E. Schaefer, C.P.P.S., Dean of Students
Reverend Charles J. Robbins, C.P.P.S., M.A., Registrar
Reverend Leonard J. Kostka, C.P.P.S., J.C.L., Chaplain
Reverend Richard P. Baird, C.P.P.S., Admissions Counsellor
Reverend Paul J. Wellman, C.P.P.S., M.A., Business Manager
Reverend William L. Eilerman, C.P.P.S., M.S., Treasurer
Reverend John M. Lefko, C.P.P.S., Director of the Saint Joseph's College Foundation
Reverend Henry J. Martin, C.P.P.S., M.S., Ed.D., Director of Calumet Center
Reverend Cletus G. Kern, C.P.P.S., M.A., Assistant Director of Calumet Center
Reverend George J. Lubeley, C.P.P.S., S.T.L., Director of Summer Session
Reverend Richard P. Baird, C.P.P.S., Director of Athletics
Reverend Gerard A. Lutkemeier, C.P.P.S., B.S. in L.S., Assistant Librarian
Reverend Ralph C. Bushell, C.P.P.S., B.S. in Ed., Director of Guidance
Mr. Hugh P. Cowdin, M.A., Director of News Bureau
Mr. Richard F. Scharf, M.S., Director of Placement
Kenneth R. Ockermann, M.D., College Physician
Miss Jean Granfield, R.N., Director of Health Service
Miss Rita Murphy, R.N., Assistant Director of Health Service
Miss Helen Skinner, M.S., Dietician
Miss Margaret Witte, B.S. in L.S., Circulation-Reference Librarian
Mr. Joseph E. Iofredo, A.B., Head Coach
Mr. Edward Dwyer, M.A., Assistant Coach
Mr. James H. Holstein, B.S., Assistant Coach
Mr. Rudolph L. Volz, Jr., A.B., Secretary of Alumni Association

FACULTY

Very Reverend Raphael H. Gross, C.P.P.S., A.M., Ph.D., President
1941* — Professor of English. A.M., University of Michigan, 1941; Ph.D., University of Montreal, 1952. Appointed President, 1951.

John A. Abraham, M.A., Ph.D.
1959 — Assistant Professor of English; M.A., University of Wisconsin, 1950; Oxford U. (England), 1954-55; Ph.D. 1959, U. of Wisconsin.

Reverend Donald L. Ballman, C.P.P.S., M.S., Ph.D.
1956 — Instructor in Geology. M.S., University of Illinois, 1956; Ph.D., 1959
ibid.

Reverend Charles H. Banet, C.P.P.S., A.M.L.S., Librarian
1952 — Associate Professor, A.M.L.S., University of Michigan, 1951; ibid., 1951-1952.

Jay Barton II, A.M., Ph.D.
1955 — Associate Professor of Biology. A.M., University of Missouri, 1948; Ph.D., ibid., 1951.

Reverend Rudolph P. Bierberg, C.P.P.S., S.T.L., S.T.D., Assistant Academic Dean, Chairman, Division of Religion and Philosophy
1958 — Associate Professor of Religion, S.T.L., Catholic University of America, 1941; S.T.D., ibid., 1943.

* The first date indicates the year of appointment to Saint Joseph's.

FACULTY 9

Sister Mary Audrey Bourgeoin, C.P.P.S., M.A.

1959 — Instructor in Education. M.A., University of Dayton, 1948; Ph.D. (Cand.), Catholic University of America.

Reverend Ralph C. Bushell, C.P.P.S., B.S. in Ed.

1960 — Instructor in Education. B.S. in Ed., Marian College, 1954.

Ralph M. Cappuccilli, A.M.

1948 — Associate Professor of Speech. A.M., University of Michigan, 1951.

Reverend Raymond M. Cera, C.P.P.S., M.A.

1948 — Associate Professor of Spanish. M.A., Saint John's University, Brooklyn, 1951.

Hugh P. Cowdin, M.A.

1956 — Instructor in Journalism. M.A., Marquette University, 1959.

Michael E. Davis, M.S.

1952 — Associate Professor of Geology. M.S., Kansas State College, 1951.

John A. Delehanty, M.A., Ph.D.

1960 — Instructor in Economics. M.A., University of Miami, 1956; Ph.D., Indiana University, 1960.

Reverend Aloys H. Dirksen, C.P.P.S., S.T.D., President, 1938-44.

1960 — Professor of Religion. S.T.L., *ibid.*, 1929; S.T.D., *ibid.* 1932.

Reverend Cletus F. Dirksen, C.P.P.S., Ph.D.

1960 — Associate Professor of Political Science. M.A., Catholic University of America 1941; Ph.D., University of Notre Dame, 1947.

Reverend Boniface R. Dreiling, C.P.P.S., M.S.

1940 — Associate Professor of Physics. M.S., Catholic University of America, 1940; University of Chicago, 1943-1946.

Reverend Marcellus M. Dreiling, C.P.P.S., M.S.

1939 — Associate Professor of Mathematics. M.S., Catholic University of America, 1939.

Reverend Alvin W. Druhman, C.P.P.S., M.A., Ph.D., Chairman, Division of Humanities.

1948 — Associate Professor of English. M.A., Saint John's University, Brooklyn, 1950; Ph.D., *ibid.*, 1952.

Francis X. Duggan, M.A., Ph.D.

1958 — Assistant Professor of English; M.A., University of Pennsylvania, 1950; Ph.D., *ibid.*, 1960.

Edward Dwyer, M.A.

1959 — Instructor in Physical Education. M.A., Purdue University, 1959.

Reverend William L. Eilerman, C.P.P.S., M.S., Treasurer.

1954 — Instructor in Accounting. M.S., Saint Louis University, 1959.

Reverend Rufus H. Esser, C.P.P.S., M.A., Secretary.

1925 — Professor of English. M.A., Catholic University of America, 1927; Indiana University, Summers, 1930, 1931.

James T. Farrell, M.A.

1956 — Assistant Professor of English. M.A., Marquette University, 1950; Ph.D. (Cand.), Indiana University.

Reverend Aloys H. Feldhaus, C.P.P.S., J.C.L., J.C.D.

1954 — Professor of Religion. J.C.L., Catholic University of America, 1926; J.C.D., *ibid.*, 1927.

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Richard J. Flynn, B.S., M.B.A., C.P.A.

1959 — Instructor in Accounting. B.S., St. Joseph's College, 1957; M.B.A., Chicago University, 1958; C.P.A., University of Illinois, 1959.

Louis C. Gatto, M.A.

1956 — Assistant Professor of English. University of Minnesota, 1950-1951; DePaul University, 1953-1955; M.A., *ibid.*, 1956; Ph.D. (Cand.), Loyola University.

Reverend Dominic B. Gerlach, C.P.P.S., M.A.

1952 — Assistant Professor of History. M.A., Saint Louis University, 1952; University of Michigan, Summer, 1956.

Reverend Norman L. Heckman, C.P.P.S., A.M.

1940 — Associate Professor of Chemistry. University of Wisconsin, 1943-1944; A.M., Indiana University, 1947.

Reverend Lawrence F. Heiman, C.P.P.S., M.A., L.G.C., M.G.E., Chairman, Department of Music.

1943 — Associate Professor of Music. M.A., Catholic University of America, 1949; Marquette University, Summer, 1950; L.G.C., Pontifical Institute of Sacred Music, Rome, 1958; M.G.E., *ibid.*, 1959.

Sister Mary Anthonita Hess, C.P.P.S., M.A., Ph.D.

1956 — Assistant Professor of History. M.A., Catholic University of America, 1942; Ph.D., *ibid.*, 1949; Georgetown University, Summer, 1958.

Reverend Joseph A. Hiller, C.P.P.S., M.A., Ph.D.

1933 — Professor of German. M.A., Catholic University of America, 1932; University of Cincinnati, 1935-1937; Ph.D., Catholic University of America, 1940.

Joseph E. Iofredo, A.B.

1958 — Instructor in Physical Education, A.B., Western Reserve University, 1946.

Bryce J. Jones, M.S., Ph.D., Chairman, Division of Business and Economics.

1955 — Associate Professor of Economics. M.S., Saint Louis University, 1951; Ph.D., *ibid.*, 1955.

Reverend Edwin G. Kaiser, C.P.P.S., S.T.D.

1944 — Professor of Religion. S.T.D., Saint John Lateran, 1923; Georgianum University, 1923-1924; Saint Louis University, Summer, 1947.

Paul E. Kelly, A.M.

1950 — Associate Professor of Marketing. A.M., Colorado State College, 1941; Ford Foundation Fellowship, Indiana University, Summer, 1959.

Reverend Joseph B. Kenkel, C.P.P.S., Ph.D.

1922 — Professor of Economics. Ph.D., Catholic University of America, 1922.

Reverend Cletus G. Kern, C.P.P.S., M.A.

1940 — Associate Professor of Philosophy. M.A., Catholic University of America, 1938.

Richard L. Kilmer, M.A., Chairman, Division of Social Science.

1953 — Associate Professor of History. M.A., University of Notre Dame, 1947; Ph.D. (Cand.), *ibid.*

Reverend John R. Klopke, C.P.P.S., M.A.*

1955 — Instructor in Philosophy. M.A., Fordham University, 1955.

* Absent on Leave, University of Toronto.

FACULTY 11

Sister Mary Delphine Kolker, C.P.P.S., M.A., Ph.D.

1959 — Instructor in English. M.A., Catholic University of America, 1944; Ph.D., *ibid.*, 1952; University of Notre Dame, Summers, 1953, 1954.

Reverend Leonard J. Kostka, C.P.P.S., J.C.L.

1948 — Associate Professor of Religion. J.C.L., Catholic University of America, 1942; Seton Hall University, Summer, 1948; Saint Louis University, Summer, 1954.

Reverend William Kramer, C.P.P.S., L.Sc.N., Sc.D.

1953 — Assistant Professor of Chemistry. L.Sc.N., University of Fribourg, Switzerland, 1951; Sc.D., *ibid.*, 1952.

Robert J. Kreyche, M.A., Ph.D.

1956 — Associate Professor of Philosophy. M.A., Catholic University of America, 1942; Ph.D., University of Ottawa, 1951.

Reverend Clarence J. Kroeckel, C.P.P.S., M.S.

1938 — Professor of Biology. M.S., Catholic University of America, 1938; University of Chicago, Summer, 1944; University of Notre Dame, 1945-1948.

Reverend Clement J. Kuhns, C.P.P.S., M.A.

1948 — Associate Professor of Classical Languages. M.A., Catholic University of America, 1952.

Reverend Joseph A. Lazur, C.P.P.S., A.B.

1960 — Instructor in Religion. A.B., University of Dayton, 1952.

Reverend Robert F. Lechner, C.P.P.S., Ph.D., Chairman, Department of Philosophy

1946 — Associate Professor of Philosophy. Ph.D., University of Fribourg, Switzerland, 1950.

Adam, P. Lesinsky, M.M.

1958 — Associate Professor of Music. M.M., American Conservatory of Music, 1944.

Reverend George J. Lubeley, C.P.P.S., S.T.L.

1954 — Assistant Professor of Religion. S.T.L., University of Fribourg, Switzerland, 1947; S.T.D. (Cand.), University of Ottawa.

Reverend Ernest A. Lucas, C.P.P.S., M.A., Chairman, Division of Education.

1952 — Assistant Professor of Education. M.A., University of Notre Dame, 1953.

Reverend Gerard A. Lutkemeier, C.P.P.S., B.S. in L.S., Assistant Librarian.

1937 — Assistant Professor. B.S. in L.S., Catholic University of America, 1946.

Patrick J. Lynch, Ph.D. cand.

1960 — Instructor in Economics and Finance. Ph.D. Cand., Purdue University.

Daniel D. Lyons, M.A.

1958 — Instructor in Philosophy. M.A., Dominican College of St. Thomas, 1959.

Reverend Edward P. McCarthy, C.P.P.S., M.A.

1958 — Assistant Professor of Philosophy. M.A., Catholic University of America, 1945.

Ralph A. Marini, M.B.A.

1960 — Instructor in Business Administration, M.B.A., Marquette University, 1960.

Brother John A. Marling, C.P.P.S., B.S.

1938 — Associate Professor of Mathematics. B.S., Saint Joseph's College, 1938; Catholic University of America, Summer, 1938; John Carroll University, Summer, 1951.

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Reverend Henry J. Martin, C.P.P.S., M.S., Ed.D., Director of Calumet Center
1940 — Associate Professor of Education. M.S., Indiana University, 1945; Ed.D., *ibid.*, 1950.

Reverend Edward A. Maziarz, C.P.P.S., M.A., M.S., Ph.D., Dean
1942 — Professor of Philosophy. M.A., Catholic University of America, 1941; M.S., University of Michigan, 1945; University of Virginia, Summer, 1945; Laval University, Summer, 1947; Ph.D., University of Ottawa, 1949; National Science Foundation Fellowship, American University, Summer, 1959.

Reverend Bernard J. Meiring, C.P.P.S., M.A.*
1957 — Instructor in Education. M.A., University of Detroit, 1957.

R. W. Morell, M.B.A., Ph.D., Chairman, Department of Business Administration
1959 — Associate Professor of Management. Northwestern University, 1946; Loyola (Chicago), 1947; M.B.A., University of Chicago, 1950; Ph.D., St. Louis University, 1957.

Reverend Carl Nieset, C.P.P.S., M.S.
1937 — Associate Professor of Geology. M.S., Catholic University of America, 1936; Purdue University, Summer, 1937; University of Texas, Summer, 1943.

Reverend Aloysius F. O'Dell, C.P.P.S., S.T.L.
1957 — Instructor in Religion. S.T.L., University of Montreal, 1957.

Reverend Joseph A. Otte, C.P.P.S., M.B.A.
1942 — Associate Professor of Accounting. M.B.A., University of Michigan, 1942.

John M. Phelps, M.A.
1958 — Assistant Professor of Politics. M.A., University of Chicago, 1949. Ph.D. (Cand.), *ibid.*

Howard J. Phillips, M.A.
1958 — Assistant Professor of History. M.A., Yale University, 1954; Ph.D. (Cand.), University of Notre Dame.

Donald L. Prullage, M.A.
1958 — Instructor in Mathematics. M.A., University of Wisconsin, 1958.

Bernard E. Qubeck, M. Mus. Ed.
1956 — Instructor in Music. B. Mus., Roosevelt University, 1948; Indiana University, Summer, 1947; M. Mus. Ed., The Chicago Musical College of Roosevelt University, 1959.

Reverend Ernest W. Ranly, C.P.P.S., M.A.
1956 — Instructor in Philosophy. M.A., Saint Louis University, 1958.

Reverend Charles J. Robbins, C.P.P.S., M.A., Registrar
1940 — Associate Professor of Classical Languages. M.A., Catholic University of America, 1945.

Reverend Edward M. Roof, C.P.P.S., M.A.
1929 — Associate Professor of Latin. M.A., Catholic University of America, 1931.

Reverend Charles R. Rueve, C.P.P.S., M.S., Chairman, Department of Mathematics
1946 — Assistant Professor of Mathematics. M.S., University of Notre Dame, 1949; Ph.D. (Cand.) *ibid.*

Reverend Ambrose A. Ruschau, C.P.P.S., M.S.
1955 — Assistant Professor of Physics. M.S., Saint Louis University, 1956.

* Absent on Leave.

FACULTY 13

Martin D. Ryan, M.A. cand.

1959 — Instructor in Sociology; M.A. cand., Purdue University.

Richard F. Scharf, M.S. in P.Ed.

1940 — Associate Professor of Physical Education. M.S. in P.Ed., Indiana University, 1949; H.S.D., (Cand.), *ibid.*

Reverend Donald F. Shea, C.P.P.S., A.M., Ph.D.

1947 — Assistant Professor of History. A.M., University of Michigan, 1947; Ph.D., Loyola University, 1956; Harvard University, Summer, 1959.

Robert W. Shemky, M.S.

1956 — Instructor in Physical Education. M.S., University of Michigan, 1955.

Reverend Urban J. Siegrist, C.P.P.S., Ph.D., Chairman, Division of Natural Sciences

1936 — Professor of Biology, Director of the Institutum Divi Thomae Research Station. M.S., Catholic University of America, 1936; Ph.D., Institutum Divi Thomae. 1959.

Reverend Joseph A. Smolar, C.P.P.S., M.S., A.M.

1945 — Associate Professor of Biology. M.S. Institutum Divi Thomae, 1945; A.M., Indiana University, 1950.

Reverend Cyril R. Sutter, C.P.P.S., M.A., M.S. in Ed.

1960 — Instructor in Psychology. M.A., Fordham University, 1956; M.S. in Ed., *ibid.*, 1958; Ph.D. cand., *ibid.*

Paul C. Tonner, B.Mus., Litt.D.

1918 — Professor of Music. B.Mus., University Extension Conservatory, Chicago, 1931; Van Der Cook Music Conservatory, Summer, 1949; Litt.D., Saint Joseph's College, 1958.

Willard G. Walsh, M.F.A.

1954 — Assistant Professor of Speech. M.F.A., Fordham University, 1949; Certificate, American Academy of Dramatic Arts, 1953.

Reverend Paul E. Wellman, C.P.P.S., B.A.

1957 — Instructor in Finance. M.B.A. (Cand.), Marquette University.

Reverend Paul R. White, C.P.P.S., M.A.

1956 — Assistant Professor of Economics. University of Michigan, Summer, 1955; M.A., Catholic University of America, 1956.

Reverend Albert A. Wuest, C.P.P.S., M.S.

1934 — Associate Professor of Chemistry. M.S., Catholic University of America, 1933.

A S S O C I A T E S I N T E A C H E R E D U C A T I O N

Paul Acton,

1960 — Supervising Teacher of Physical Education and History, Remington High School, Remington, Indiana.

Walter C. Anderson,

1958 — Supervising Teacher of Elementary Subjects, Jordan School; Rensselaer, Indiana.

Beulah Arnott,

1957 — Supervising Teacher of Elementary Subjects, Monnett Elem. School; Rensselaer, Indiana.

Lester D. Baer,

1958 — Supervising Teacher of Elementary Subjects and Physical Education, Marion School; Rensselaer, Indiana.

Calvin Beaman,

1957 — Supervising Teacher of Mathematics, Rensselaer High School; Rensselaer, Indiana.

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Raymond H. Bevington,

1958 — Supervising Teacher of English and Social Studies, Rensselaer High School; Rensselaer, Indiana.

Hilda Brackwinkle,

1958 — Supervising Teacher of English, Brook High School; Brook, Indiana.

Amy Cooper,

1957 — Supervising Teacher of Elementary Subjects, Brook Public Schools; Brook, Indiana.

Paul E. Curtis,

1958 — Supervising Teacher of Physical Education and Mathematics, Brook High School; Brook, Indiana.

Harold L. Eaton,

1957 — Supervising Teacher of Biology, Rensselaer High School; Rensselaer, Indiana.

Helen Eaton,

1960 — Supervising Teacher of English and Speech, Rensselaer High School, Rensselaer, Indiana.

William D. Elbert,

1957 — Supervising Teacher of Physical Education, A. J. Kent High School; Kentland, Indiana.

Robert Herod,

1960 — Supervising Teacher of Mathematics and Science, Rensselaer High School, Rensselaer, Indiana.

Charles A. James,

1958 — Supervising Teacher of Social Studies, Brook High School; Brook, Indiana.

Mary Kitsmuller,

1957 — Supervising Teacher of English, A. J. Kent High School; Kentland, Indiana.

William McGrath,

1960 — Supervising Teacher of Physical Education and Social Studies, Goodland High School, Goodland, Indiana.

Ray D. Manis,

1958 — Supervising Teacher of Physical Education, Rensselaer High School; Rensselaer, Indiana.

Donald Pauley,

1957 — Supervising Teacher of Physical Education, A. J. Kent High School; Kentland, Indiana.

Robin W. Smith,

1957 — Supervising Teacher of Social Studies, Fair Oaks High School; Fair Oaks, Indiana.

Sr. M. Jean Francis,

1958 — C.P.P.S. Supervising Teacher of Elementary Subjects, St. Augustine Grade School; Rensselaer, Indiana.

Sr. M. Egwina,

1960 — O.S.F. Supervising Teacher of Elementary Subjects, Sacred Heart School; Remington, Indiana.

Edward S. Wiles,

1957 — Supervising Teacher of Social Studies, Fair Oaks High School; Fair Oaks, Indiana.

Hallie Wolfe,

1957 — Supervising Teacher of Commerce, Remington High School; Remington, Indiana.

PURPOSE AND AIMS

Saint Joseph's College is an independent institution of higher learning dedicated to being a community of scholars — teachers and students — working in mutual association under the leadership and direction of its teachers, towards the spread, preservation, clarification, discovery and defense of truth. Whether the truths of the science, arts and skills be viewed as revealed or acquired, as speculative or practical, as moral or artistic, the dedication to these truths and the search for them is the primary purpose of Saint Joseph's. The academic and the general policies and procedures of the college as well as the relationship of Saint Joseph's to its public are conceived and carried out in terms of this basic purpose.

At the same time, Saint Joseph's College also recognizes that it exists in the larger context of society, and that its faculty and students have definite relations and obligations to the family, the state and the Catholic Church, as well as to various other societies representing industry, business, labor, health and recreation. For this reason, the College adopts as its own those aims toward which the family, state, Church and other societies are directed.

Foremost among these aims which the College actively provides for and promotes is that goodness of personal, family, social and religious life made possible by practice of the theological and moral virtues. In this respect, the College again maintains that both faculty and students can understand better what they must be and what they must do in the city of man so as to attain their sublime end in the city of God, by means of fulfilling their calling in life as witnesses to truth.

The College adopts and proposes to its faculty and students other worthy aims which are required and helpful to them in seeking and in striving for goodness of life. Among these are the need for observing social justice as well as of pursuing individual rights, the importance of fulfilling one's vocation in life, and the need of discipline, of recreation and of mental and physical health. But it is the belief of Saint Joseph's College that no matter how worthwhile these

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aims are, they can be more surely achieved to the extent that teacher and student are dedicated to their proper purpose, truth.

Moreover, the College believes in truth for our age and times. It places its emphasis on the truths of the sciences, arts and skills with which it is concerned and chooses its curriculum in terms of the problems, questions and needs of the time in which it lives. Saint Joseph's College is convinced that any and all of the truths which it considers—whatever they may be—are to be sought for their own sake primarily; for it is only in this way that they can lead to goodness of life, further the good of family, state and Church, and be of value to industry, business and all human endeavors.

In conclusion, the primary consideration and concern of the College is for the academic community of teachers and students, to whom it offers a permanent vocation as witnesses to truth. The library, the counselling of students, the social, recreational and physical facilities, the classrooms and laboratories—all are viewed as means and as conditions contributing towards its main purpose, truth.

COLLEGE HISTORY AND CAMPUS

HISTORICAL SKETCH

In 1868, a frame dwelling was erected a mile south of Rensselaer as a home for thirty-five orphans. The home was closed in 1887. Two years later, the Most Reverend Joseph Dwenger, bishop of the Diocese of Fort Wayne, offered the vacant orphans' home and the land to Father Henry Drees, then Provincial of the Society of the Precious Blood, with the stipulation that a college be founded there. During the same year, 1889, Saint Joseph's College was incorporated under the laws of the State of Indiana with the right to grant the usual degrees.

With the coming of summer, 1891, the first building, now the southern half of the Administration Building, was finished, and the first students were enrolled. In 1893 the building was extended to its present proportions.

Education at early Saint Joseph's was on two distinct levels, the high school and the junior college. The aim was to prepare students for professional schools and seminaries, for teaching, and for immediate entry into business. The new college passed its first major landmark June 16, 1896, when it presented diplomas to twelve students, its first class of graduates.

The original aims of Saint Joseph's changed little up to 1925. At that time the college was converted into a minor seminary, and for a period of six years admitted only students preparing for the priesthood. The status of academy and junior college was re-established in 1931, and plans for the expansion of the school were formulated. Saint Joseph's began to operate as a senior college in 1936, and in June, 1938, its first class of four-year men was graduated.

Principal buildings on the campus at that time were the Chapel, Administration Building, Gaspar Hall, Dwenger Hall, Science Hall, Drexel Hall, and the Power Plant. A building program was launched in the summer of 1939, and between that year and 1941 were erected Seifert Hall, Merlini Hall, Xavier Hall, and the Fieldhouse.

The program of expansion was cut short by the war and was not resumed until the summer of 1946 when extensive work was done on the Cafeteria, Fieldhouse, Library, and Publications Building. In 1956, Bennett and Noll Halls were completed; in 1958, Gallagher and Halas Halls.

Since its founding in 1889, Saint Joseph's has had the following twelve presidents: The Very Revs. Augustine Seifert, Benedict Boebner, Hugo Lear, Ignatius Wagner, Didacus Brackman, Joseph Kenkel, Rufus Esser, Cyril Knue, Aloys Dirksen, Henry Lucks, Alfred Zanolar, and Raphael Gross.

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CAMPUS AND BUILDINGS

One hundred and thirty acres have been laid out in parks, lawns, and campus. Dotting the campus are fourteen buildings designed to serve the educational needs of Saint Joseph's students.

The Administration Building is centrally located near the main entrance to the campus. The first floor houses the offices of administration. The second and third floors afford residence for clerical members of the faculty.

The Chapel, dedicated in May, 1910, is the most imposing edifice on the campus. It is an attractive brick and stone structure in the Romanesque style of architecture. Its large sanctuary provides ample room for the proper observance of the beautiful solemn ceremonies of the Church. Beneath the chapel is the cafeteria. Renovated in the summer of 1946, this large hall accommodates Saint Joseph's students in bright and cheerful surroundings.

Gaspar Hall, one of the oldest buildings on the campus and formerly a faculty residence, houses approximately fifty students. It is named in honor of the founder of the Society of the Precious Blood, Saint Gaspar del Bufalo.

Dwenger Hall, named for the second bishop of the Diocese of Fort Wayne, serves as an infirmary and dispensary. It was erected during the summer of 1907.

Drexel Hall was at one time used as a school for Indians. Renovated in 1937, the three-story structure accommodates one hundred and twenty students. It is named after Mather Catherine Drexel who provided funds for its erection.

Xavier Hall, dedicated to Saint Francis Xavier, patron of the Society of the Precious Blood, is the residence of the students who are preparing for the priesthood in the Society. It was erected in the fall of 1940.

Seifert Hall, residence hall for sophomores, was finished in 1939. It was named for Saint Joseph's first president, the Very Reverend Augustine Seifert, C.P.P.S. The hall accommodates one hundred and fifty students.

Merlini Hall was dedicated in the fall of 1940. It has been named after the Venerable John Merlini, the Third Moderator-General of the Society of the Precious Blood. It accommodates ninety students.

Noll Hall, dedicated in the spring of 1955, is named after the Most Reverend John F. Noll, Bishop of Fort Wayne, an alumnus and generous patron of the college. It houses ninety-eight students.

Bennett Hall, dedicated in the spring of 1955, is named after the Most Reverend John G. Bennett, first Bishop of Lafayette in Indiana, an alumnus and generous patron of the college. It houses ninety-eight students.

Gallagher Hall, dedicated in the fall of 1958, is named after Robert A. Gallagher, First Chairman of the Saint Joseph's College Board of Lay Trustees and a generous patron of the College. It houses 120 students.

Halas Hall, dedicated in the fall of 1958, is named after George S. Halas, a member of the Board of Lay Trustees and a generous patron of the College. It houses 120 students.

Aquinas Hall, opened in the Fall of 1959, is named after St. Thomas Aquinas. It houses 46 students.

The Science-Library Building consists of a north-south wing, completed in 1915, and an east-west wing, added in 1936. The former houses the music department, the auditorium, and the library. The new wing is devoted to classroom space, physics, chemistry, biology, geology, and special research laboratories.

The Publications Building is a former power plant which was completely renovated in 1946 to provide space for offices of the various campus publications. In addition it houses the offices of the Saint Joseph's College Alumni Association.

The Fieldhouse was erected in 1940. Changes made in 1946 have provided seating for two thousand spectators and locker space for some five hundred participants in the sports program.

The Raleigh Recreation Hall, located near the Fieldhouse, was erected in 1947. This building is furnished with a spacious lounge, soda fountain, billiard and pool tables, and card and game rooms.

The Library. The library is a vital part of the institution's educational program. It attempts not only to implement and extend class instruction by stimulating study and research, but also to supply such recreational reading material as will foster a love for good books and cultural reading generally.

The library, greatly enlarged and refurnished in 1946, is centrally located, convenient to classrooms and residence halls. In its

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new location it comprises over eighteen thousand square feet of floor space, sufficient to seat two hundred students and to accommodate more than one hundred thousand volumes. Though the entire library was planned to be functional, it provides an atmosphere of quiet, simple beauty. Here in well-lighted rooms, conducive to study, the students will find selected material for research and for leisure-time reading. Near the circulation desk and reference room is the reference librarian's desk, where a trained librarian is ready to help the student on a research project or to give him guidance in a reading program.

On the main floor, besides the reference room and current periodicals room, is a special reading room where the student has access to collections of the "great books" of all ages.

For the student's convenience there is a room set aside for typing and for microfilm reading. Two conference rooms are also provided on the main floor where small classes may use extensive library material as part of their class work. These rooms are available to groups of students working together on some project requiring cooperative use of library materials. In the lower stack area there are forty-five carrels which provide the student with an individual study desk located near a large, selected group of bound periodicals and journals.

The library has over fifty-seven thousand books and bound periodicals. There is also a large collection of Government documents. Over four hundred and fifty periodicals are currently received. In vertical files, in the reference room, there is a selected group of pamphlets and a separate collection of vocational guidance material.

Special instruction in the use of the library forms an important part of the orientation program during freshman week. This systematic introduction to the resources of the library is continued throughout the first semester so that students in every department may obtain immediate library efficiency for their college work and may retain a life-long acquaintance with library tools.

The College Community Association. This association, a community project for College families, was formally approved and incorporated under the laws of Indiana, December 14, 1956. The College has backed this project with the aid of the 1955 Ford Faculty Grant and has made available a 25 acre wooded area for homes. The membership corporation controlling the project has the following Officers: Dr. Jay Barton, President; Mr. Bernard E. Qubeck, Vice-President; Dr. Richard F. Scharf, Secretary-Treasurer.

Laboratory Facilities. Science Hall houses the laboratory facilities for the Departments of Biology, Chemistry, Geology, and Physics.

The biology laboratories, situated on the second floor of Science Hall, provide up-to-date equipment for courses in fundamental zoology and botany, microtechnique, bacteriology, embryology, histology, comparative vertebrate anatomy, human anatomy, and physiology.

On the third floor of Science Hall are well-equipped laboratories for the use of students of general inorganic and organic chemistry, biochemistry, quantitative and qualitative analysis, and physical chemistry. In addition there is a large demonstration laboratory.

Geology laboratories, adequate for courses in physical geology, historical geology, mineralogy, petrology, and paleontology, are found on the basement level in Science Hall.

The physics laboratories, also situated on the basement level in Science Hall, are equipped for courses in general college physics, electricity and magnetism, physical optics, meteorology, physics of radiology, modern physics, heat, electronics, and radio.

Research. In September of 1946, Father Urban J. Siegrist began special research work in connection with the Institutum Divi Thomae, which was founded in 1928 by the Most Reverend John T. McNicholas, O.P., S.T.M., Archbishop of Cincinnati.

A laboratory for research in cellular physiology was built in 1955 under the direction of Doctor Jay Barton who is currently investigating the chemistry and physiology of all nuclei.

Music Department. Saint Joseph's has long recognized the value of music and its contribution to a liberal education. The College seeks to give every student an opportunity for musical expression according to his talent or inclination. In addition to the courses in musical theory, instruction in applied music is available in voice, piano, organ, and all band and orchestral instruments. Students with previous training and experience are urged to join the band, orchestra, or glee club.

Music Conservatory. Staffed by members of the music faculty, the conservatory offers a program of musical instruction without credit. Applications are not limited to currently enrolled students of the college. There are no specific requirements for admission. Enrollment may be made at any time for private lessons or for class work.

S T U D E N T P E R S O N N E L S E R V I C E S

STUDENT GUIDANCE

Orientation Program. At the opening of the fall semester, the College conducts an orientation program for all new students. Placement tests are given to provide a basis for counseling and guiding the students in the selection of courses and in assigning them to class sections. Faculty members act as counselors and assist new students in planning their programs for the first semester. In meetings held during the week, the student learns about Saint Joseph's—its traditions, equipment, regulations, and opportunities.

It is the purpose of the College to make the activities of orientation week as interesting and helpful as possible, so that by the time classes begin the new students are settled and are acquainted with the campus, the faculty, and classmates.

The Testing Program. Students entering Saint Joseph's take orientation tests in various fields, the results of which are used chiefly to give the counselor information needed in planning wisely the educational program of his counselees.

Other tests required of all students, in addition to those prescribed by the instructors in the classes, are the Senior Comprehensive Examinations, and the Graduate Record Examination, which the student takes prior to graduation. Results of these tests are used to check the student's progress and to compare the achievement of Saint Joseph's students with that of students of other colleges.

Counseling. The Director of Guidance assigns to each freshman a member of the faculty to act as his advisor in educational, vocational, and personal matters. Students above the freshman level are permitted to select their own counselors from a list prepared by the Director of Guidance.

Each faculty counselor has access to grades, test results, health record, and other pertinent information on his counselees so that he may be better acquainted with their individual problems.

Religious Exercises. The forming of a true Christian character in the student is the highest aim in education. This happy result can be attained only through religion. The student, therefore, should prize the knowledge and love of religion as his richest possession, and he should be eager to do his part in helping to create and to maintain a religious atmosphere in the daily life on the campus.

All Catholic students are required to make the annual student retreat and are urged to attend daily Mass and Benediction as also the various devotions. Opportunity for confession is available daily.

The program of religious exercises is arranged by the Chaplain, who is likewise available for consultation on matters of religious observance.

Health Service. The In-Patient and Out-Patient sections of the Health Service are under the supervision of two Registered Nurses. The College Physician has regular hours at the Health Service three days a week and is, also, available at other times if needed. To insure proper care, quiet, and comfort for sick students, the Health Service is provided with efficient and modern equipment.

At Saint Joseph's, emphasis is placed upon health and physical fitness. All students are required to have a Health Form completed by their family physician attesting to a state of general good health. For the protection of each student now living in a large group every student must have, within 12 months of entrance into College the following: a negative Schick Test (if test is positive Diphtheria Toxoid should be given); vaccination for Smallpox; Tetanus Toxoid; Serology; Urinalysis and Chest x-ray. Polio and Influenza Vaccines are, also, required. These two vaccines are kept on hand at the Health Service at a nominal fee if ensuing doses are required.

Members of the college athletic teams are examined annually by the college physician to insure the physical fitness of all players.

Recreation and Athletics. Recreational activities have been a part of every civilization, and educators, past and present, are in agreement that competitive sports can be helpful in directing the energies of young men into wholesome channels to the end that student health be safeguarded and physical fitness promoted. Inter-collegiate athletics, properly supervised and controlled, contribute to the total educational program of a college.

Saint Joseph's is a member of the Indiana Intercollegiate Athletic Conference. A program of intercollegiate games is provided in football, basketball, baseball, track, golf, bowling, and tennis. In addition, the College also supports a well-developed program of intramural games with the idea that all students should participate in sports and "carry-over" recreational skills useful in a society apparently destined to enjoy increasingly more leisure time.

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Students participating in intramurals are urged to get insurance coverage; the College will not be responsible for injuries incurred in intramural games.

Furthermore, in order to develop leaders in the area of physical education, the College maintains a Department of Physical Education staffed by competent teachers, supported by a curriculum of standard quality, and supplemented by "laboratory" experience provided through its program of intercollegiate and intramural sports. In all forms of recreation and physical development, the spirit a friendly competition is encouraged and the habit of fair play is inculcated.

In its athletic program, Saint Joseph's College is governed by the policies of the North Central Association of Colleges and Secondary Schools and by the rules of the Indiana Intercollegiate Conferences.

Recognizing the excellent athletic and physical training facilities provided by Saint Joseph's, the Chicago Bears of the National Professional Football League have selected the College as their pre-season training site each summer since 1944.

Veterans Assistance. Saint Joseph's College is officially approved as a school for veterans of military service under the provisions of Public Law 550 and 894 for the Korean veteran, and for war orphans under Public Law 634. For further information, those concerned should address the office of the Registrar.

Military Service. Selective Service provides qualified students with various opportunities for deferment, and the College makes special efforts to acquaint its students with these opportunities.

The Selective Service regulations, as they affect students, were written so as to provide young men with an opportunity to attain the highest educational status possible in order that they may be better suited to serve the defense needs of the nation. It is the experience of the College and its students that almost all draft boards agree with this objective and are willing to defer qualified students to enable them to continue their education. A folder outlining current Selective Service regulations as they affect students is available upon request from the College.

While Saint Joseph's does not offer R.O.T.C. programs, students in our accredited College are eligible to enlist in the U.S. Marine Corps Platoon Leaders Class, a program carrying draft deferment until graduation and leading to a commission and active duty in the

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Marine Corps. A folder descriptive of the Platoon Leaders Class is available at the College.

Representatives of the various branches of the armed forces periodically visit the campus to acquaint students with the opportunities for specialized service after graduation.

Placement. The College does not regard its work as finished until it has seen its graduates established in suitable employment. A placement bureau is operated by an experienced staff member who advises the student in choosing his first job and, when necessary, assists him in finding employment in his chosen field, both directly and through cooperation with recognized governmental and private employment agencies.

ORGANIZATIONS AND ACTIVITIES

Student Government. All members of the student body of Saint Joseph's College, exclusive of the seminarians of the Society of the Precious Blood, are members of the Student Union and are governed by its constitution. Its student-elected officers, the four class presidents, and the chairman of the intra-club committee comprise the Student Council. The Student Council, or its committees, representing the Student Union, serves as a channel of communication and consultation between the student body and the faculty and administrative officers of the College.

Extracurricular Professional Groups. While the academic life has first claim on the student's time, membership in campus professional-interest groups is heartily encouraged at Saint Joseph's. Such associations enable the student to meet his fellow students and his instructors formally and to learn about his chosen field through group projects, movies, field trips, club meetings, and through contact with prominent men who appear as guest speakers.

Participation in these activities stimulates common professional inclinations, promotes cooperative efforts, and complements the classroom teaching by experiences in group planning.

Included among these professional-interest groups at Saint Joseph's are: the **Commerce Club** for business students which sponsors the annual **Father Gordon Award**; the **Debating Club**; the **Engineers Club**; the **History Club** for those who take courses in that area; the **Sociology Club**; the **Albertus Magnus Society**, the **Geology**, and the **Biology** clubs for those who are studying the natural sciences.

In the fine arts, Saint Joseph's has long realized the value of dramatic and musical activities in college life; through them the student becomes an active participant in the artistic accomplishment of others.

Students can find an outlet for their dramatic talent in the **Columbian Players**, the College's oldest extracurricular society. Each year the group presents productions, builds its own stage settings, and handles all lighting equipment, under the supervision of an experienced faculty director.

The **Saint Joseph's Glee Club**, composed of students of all classes, appears not only in campus concerts but also in an increasing number of off-campus programs and radio broadcasts. Yearly, the group presents a musicale in conjunction with the chorus from a college for women. The Glee Club also sponsors the annual **Louis F. White Memorial Award**.

The College Choir sings at Mass on Sunday and at various other liturgical functions.

The Band also offers splendid opportunities to the musician. In season, the band appears for outdoor concerts, and plays for athletic contests. The Christmas concert is one of the outstanding musical highlights of the year.

Three campus publications afford students experience in different types of writing. **Stuff** is the campus bi-weekly newspaper. **Measure**, the literary journal, contains longer articles, such as research papers, short stories, plays, essays, poetry, and book reviews. **Phase**, the pictorial yearbook, makes its appearance toward the end of the second semester.

Social Clubs. Social and recreational activities, too, are recognized at Saint Joseph's as necessary for the proper development of the student. Membership in campus clubs and participation in the year's social events are strongly encouraged. Each year various student organizations sponsor dances, highlighted by the fall homecoming celebration and the spring formal prom, in addition to a number of Saturday night "mixers" to which young ladies from colleges for women are invited. Saint Joseph's students also attend functions on the girls' campuses.

Social organizations on the campus include the **Monogram Club** for varsity lettermen, **The Father Falter Veterans Post**, the **Chicago Club**, the **Lake County Club**, **The Camera Club**, **Chess-Checker Club**, **Rifle Club**, **San Jose Railroad Club**, **Fort Wayne Club**, **Detroit Club**, **Northern Ohio Club**, **Weightlifting Club**.

Religious Groups. Several of the extracurricular campus societies have objectives which are primarily religious; the college is affiliated with the National Federation of Catholic College Students.

The **Don Bosco Club** is for altar boys and for those students who would like to learn to serve at Mass. Daily, about fifty priests offer Mass in the three campus chapels.

The **Sanguinist Club** is the official campus organization for Catholic Action. Under the club are the **Holy Name Society** and the **Pious Union of the Precious Blood**. The Sanguinists assist in the organizing of religious activities at the College.

Affiliated with the Catholic Students' Mission Crusade, the **Dwenger Mission Society** has as its object the study of home and foreign missions and the promotion of their welfare by prayer, sacrifice, and small fund-raising projects.

S U P E R V I S I O N O F S T U D E N T L I F E

The College assumes that men of college age have an adequate conception of the duties and responsibilities expected of them, and that every student who enters Saint Joseph's thereby indicates his readiness to comply with its rules and regulations. At the same time it recognizes an obligation to both students and parents to provide advisory and supervisory agencies.

In matters pertaining to social life, discipline, curriculum, and scholarship, all students come under the counsel and supervision of the Academic Dean, and the Dean of Students, according to the respective jurisdiction of each office. Matters of health are in charge of the College Physician. Administrative officers, assisted by student-faculty committees, make it their purpose to become familiar with student problems and to secure the observance of adopted policies and faculty regulations.

As a further part of the system of supervision, each residence hall has a Rector and one or more faculty members in residence whose duty it is to counsel students on personal matters.

Discipline. Upon entering, each student is furnished with a Student Handbook in which the specific rules of discipline and other regulations are contained. The Dean of Students is the official representative of the College in matters pertaining to the observance of right order and good citizenship both on and off the campus.

Attendance at Saint Joseph's is a privilege and not a right, and it is understood that this privilege may be withdrawn from anyone who does not conform to the traditions and regulations of the College. Every effort is made to encourage the student toward self-government in accordance with the ideals of obedience, honesty, courtesy, and charity. When, however, a student manifests an inability or unwillingness to cooperate with the College in maintaining its regulations and policies he subjects himself to disciplinary action. Matters of discipline are handled by the Dean of Students and the Committee on Discipline. The jurisdiction of the Committee includes cases of dishonesty, intoxication, immoral or improper conduct, serious violation of campus regulations, or behavior prejudicial to the welfare of the student or the best interests of the College. The penalties imposed by the Committee on Discipline may be probation, suspension, dismissal, or other action they may deem advisable.

Leave of Absence. Permission to leave the campus overnight, or for a longer period of time, must be requested from the Dean of Students. Freshmen may secure weekend permissions once every four weeks. Regarding town night, freshmen are generally permitted Saturday and Sunday night until 11:30. They may visit Rensselaer during the day without special permission, but must be on campus by 9:00 p.m., except on town nights.

Sickness. Any student requiring the services of the infirmarian should present himself at the Health Center in Dwenger Hall during the appointed hours. Emergency cases will, of course, be taken care of at any time. No student will be excused from class on the plea that he was sick unless he has seen the infirmarian before he misses the class. When a student is advised by the infirmarian to remain as a patient, the Dean of Students must be informed.

Study Hours. Freshmen and sophomores are to observe a study period in their rooms from 9:00 to 11:00 p.m., and are to retire not later than 11:30.

Student Rooms. Students will be held accountable for the appearance and condition of their rooms. Occupants will, furthermore, be held responsible for any damage to the room. All necessary repairs due to carelessness will be made at their expense.

Students will be required to furnish all blankets, comforters, bedspreads, sheets, and pillow cases for personal use.

Rooms, most of which are equipped for two men, are furnished with beds and mattresses, chairs, lamps, desks, and clothes lockers.

The use of electrical appliances other than radios, record players, and electric razors is prohibited.

Wardrobe. Students are to dress with reasonable neatness. They should come to college sufficiently supplied with the necessary articles of use and wear. Generally, the wardrobe which a student has at home will be suitable for his purpose at college.

A private agency operates a commercial laundry on the campus and will handle campus laundry at a special rate. Students may avail themselves of this opportunity or have their laundry done at home.

Day-Students. Non-boarding students are admitted to Saint Joseph's provided that during their period of attendance they live either at home or with relatives responsible for them. The College has been able to assist a limited number of married students in locating suitable housing in the city of Rensselaer.

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Employment. Students who desire employment on or off the campus as a means of partial self-support should register at the office of the Dean of Students. While the College is in session, resident students may not accept employment off the campus or engage in any business enterprise without the written permission of the Dean of Students. Such permission is also required for canvassing or soliciting money, subscriptions, or donations, on the campus or in the city of Rensselaer.

Automobiles. Juniors and Seniors are permitted to have cars on the campus, but may use them only under the conditions laid down by the Dean of Students. Sophomores may bring cars to the campus only with special permission and for a serious reason. Freshmen are not permitted the use of cars.

Visitors. Parents and relatives of the students are welcome at the College at any time of the year. They are, however, asked to arrange their visits so as not to interfere with the student's class attendance.

EXPENSES AND FEES

Because of uncertain conditions in the financial world, all terms entered into between the College and the students and parents of students concerning expenses are in force for the ensuing year only; they are subject to revision or renewal each year.

Cost Each Semester

Tuition for one semester \$335.00

This entitles the student to:

1. Academic instruction and advisory direction.
2. Ordinary medical care and the Health Service.
3. Subscription to campus newspaper, literary journal, and year book.
4. Admission to plays, lectures, concerts, and home athletic events.
5. Use of athletic facilities.

Board for one semester \$325.00

This entitles the student to three meals a day, seven days a week, except during scheduled vacation periods.

Residence Hall (Freshmen, Sophomores, Juniors, Seniors)	Two Man Room	\$110.00
Drexel Hall (Freshmen)	Two Man Room	110.00
Gaspar Hall (Freshmen)	Two Man Room	110.00
Dormitory Houses (Sophomores, Juniors, Seniors)		
Washburn, White, Scharf (and limited number of three man rooms)		90.00

Special Fees

Application fee (paid once—at time of application)	\$ 3.00
Student Union fee (paid each semester)	10.00
Graduation fee (paid once—Senior year)	20.00

Conditional Fees

Late registration	\$ 5.00
Tuition per credit hour above 17	15.00
Tuition per credit hour for part time students	20.00
Laboratory Fee for science courses	7.50 to 15.00
Music instruction, (applied music): one lesson per week	30.00
Student teaching (Advanced Education students)	20.00
Special and conditional examinations, each	2.00 to 5.00
Infirmary, each day	3.00
Transcript of credits (after initial copy) students .50, Alumni	1.00

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FINANCIAL REGULATIONS

Upon acceptance by the admission officer, the student is to make an advance payment of \$25.00. This amount applies to the payment in September.

The fee for tuition, board, room, and the student union fee is due at the beginning of each semester.

For those, however, who wish to budget their payments, the following schedule is suggested:

FIRST SEMESTER:

*\$300.00 at September registration.
\$200.00 on November 10.
Balance on December 10.

SECOND SEMESTER:

\$300.00 at January registration.
\$200.00 on March 10.
Balance on April 10.

*The student may deduct, at this time, the \$25.00 paid at time of acceptance. (Textbooks and laundry service are not included in the above. Textbooks may be purchased on the campus. The average cost is about \$25.00 a semester. Laundry costs and spending money needs vary considerably with the individual student.)

Remittance should be made payable to Saint Joseph's College by bank draft, personal check, or postal money order through the Rensselaer post-office, and mailed to: Office of the Treasurer, Saint Joseph's College, Rensselaer, Indiana.

No student will be permitted to register for either semester until the initial installment, at least, has been paid.

Students whose accounts are not paid within the semester will not be admitted to the semester examinations.

Degrees, transcripts, and letters of honorable separation are withheld from those who have not settled their financial obligations to the College.

Students will be personally responsible for all expenses incurred in Rensselaer, including physician, dentist, and oculist fees.

Books, stationery, and other articles may be purchased at the College Book Store.

Students will be required to furnish all blankets, comforters, bedspreads, sheets, and pillow cases for personal use.

Charges will be made for damages to property; for medicine, applications, special nursing, and physician's services when required at the local Health Center.

Bank. For the convenience and education of the student, the College operates a private banking system. The student may deposit and withdraw from his account at will. Through this convenience he will learn to handle his funds with discretion and foresight.

Refund Policy. Students who withdraw before the end of the semester will be charged for room and board at the rate of \$3.00 for each day, no refund allowance being made for incidental absences. They will be charged for tuition and fees on the following percentage basis:

One week or less, 20%; between one and two weeks, 20%; between two and three weeks, 40%; between three and four weeks, 60%; between four and five weeks, 80%; over five weeks, 100%.

S T U D E N T A I D

Students who need financial aid and meet the requirements of the various programs may avail themselves of the Academic Scholarship, Grant-in-Aid, and Student Employment programs. The College expects that all students who need aid will also help themselves through gainful employment during the summer months and at Christmas time.

Academic Scholarships. Saint Joseph's College annually offers \$20,000.00 in academic scholarships to worthy and needy high school seniors. The scholarships are awarded on the basis of academic achievement and promise as determined by the student's high school record and his scores on the College Entrance Examination Board Tests. (Scores of the Scholarship Qualifying Test taken in October for the Scholarship Testing Program of Indiana Colleges and Universities may be substituted for Indiana high school seniors. Scores of this same test may be substituted for seniors who take the test in October in other states. Seniors should request that the scores of the test be sent to Saint Joseph's College.) The amount of the scholarship is based on the student's financial needs as determined by the College in cooperation with the College Scholarship Service. While the amount of the scholarship will vary with financial need, it will never exceed \$500.00 a semester.

Steps In Applying For A Scholarship. Students should follow this procedure:

1. Obtain Scholarship Application Form by writing to the Admissions Counselor, Saint Joseph's College, Collegeville, Indiana.
2. Fill out Scholarship Application Form and mail to the Admissions Counselor.
3. Have High School Principal send directly to the Registrar at Saint Joseph's College the transcript of High School record.
4. Take College Entrance Examination Board Tests as described below. (Or Scholarship Tests of Indiana Colleges and Universities for Indiana high school seniors).
5. Submit Parents' Confidential Statement to the College Scholarship Service, as described below.

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College Entrance Examination Board Tests. All candidates for Academic Scholarships will take the Scholastic Aptitude Test (morning test) of the College Entrance Examination Board, not later than March of the year in which they wish to gain the scholarship. Registration blanks for the test, complete information on the time, place, and nature of the tests can be obtained from either of the two CEEB service centers, namely: College Entrance Examination Board, P.O. Box 592, Princeton, New Jersey, or College Entrance Examination Board, P.O. Box 27896, Los Angeles 27, California. (Results of the test will be sent by the Board to as many colleges as the student desires.)

College Scholarship Service. All academic scholarships to Saint Joseph's College are based on academic ability and financial need. To help in determining the financial need of the student the College uses the College Scholarship Service. The principal instrument of the College Scholarship Service is a confidential form on which the parents of the applicant itemize pertinent family information and financial data. This statement is to be filled out only once by the parents and returned by them to the Service, which then transmits exact copies to those colleges which the parents list on the statement to receive them. The form for this confidential statement is mailed directly from Saint Joseph's College to the student as soon as his application for scholarship has been received by the College.

Announcement of Winners. All necessary material must be on file at Saint Joseph's College not later than May 1. The Scholarship Committee will meet on or about May 1 to determine the winners and the amount of each scholarship. On or about May 15 each candidate will be informed concerning the final action taken on his application.

Renewal of Scholarships. The first scholarship is granted for the freshman year. It is thereafter renewable every semester which the student spends at Saint Joseph's College until he graduates, provided that in the previous semester he has maintained at least a B average. When a student withdraws from the College the scholarship is automatically terminated and cannot be renewed except by special action of the Scholarship Committee.

General Scholarships. A limited number of scholarship grants of varying amounts are also available to sophomores, juniors, and seniors who give evidence of outstanding scholarly attitudes and attainments, and who establish the fact that they need financial assistance to continue in college.

All scholarship awards are made for one semester, but will be renewed for succeeding semesters provided the recipient continues as a student in good standing at Saint Joseph's and has maintained the required scholastic index which will ordinarily be interpreted to mean a general average of B grade.

These scholarships are made possible through the generosity of alumni, trustees, and other friends of the College, and through the following endowed funds.

Endowed Scholarships

The Saint Elizabeth Foundation. A fund established by Mrs. Elizabeth Mullen. The income from \$5,000 is available for a pre-theology student, preferably from St. Patrick's Parish, Kokomo, Indiana.

The Monsignor O'Keefe Scholarship. The sum of \$300 is available each year for a student or students designated by the pastor of St. Mary's Church, Akron, Ohio.

The Monsignor Moore Scholarship. A fund providing for tuition, board, and lodging for a pre-theology student from the Peoria Diocese.

The Michael and Mary Brisch Scholarship. The income from \$5,000 is available to assist in the education of a pre-theology student.

The Father Seifert Scholarship. The income from the Collegeville gravel deposits is available for a student or students selected by the Scholarship Committee.

The Schumacher Family Scholarship. The income from \$12,000 is available for a student or students selected by the Scholarship Committee.

The Henry W. Schmidt Scholarship. A trust fund of \$7,145 to assist students selected by the Scholarship Committee.

The Bishop Leo A. Pursley Scholarship. The sum of \$500 is available each year for a student from the Diocese of Fort Wayne.

Grants-in-Aid. Grants-in-aid are forms of financial assistance available to needy and deserving students to assist them in furthering their education. Those interested should apply to the Dean of Students.

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Vocational Rehabilitation. Under the provision of Public Law 565, the federal government and the state jointly provide funds for scholarship grants-in-aid to students who have a physical or mental impairment which constitutes a vocational handicap. The State Vocational Rehabilitation Division is responsible for the determination of the grants. In Saint Joseph's College the Registrar's Office accepts referrals for applications. The grants pay tuition and some fees.

Student Loan Fund. The student loan fund exists for the benefit of students who are unable to meet their current expenses. Applications are made at the Office of the Dean of Students. Approval of parents or guardians is required before a loan will be granted.

Employment. Among those who attend the College, some may find it necessary and expedient to contribute to their own support through employment. The student should bear in mind that gainful occupation is an activity subservient to his academic life. He should not center his attention upon anything that will detract from his scholastic progress. It is particularly difficult for the first-year student to work for self-support and carry a normal class load at the same time. He needs his time to make the necessary adjustments and to do his regular college work satisfactorily. It is doubtful whether any student should enter college without sufficient funds to defray all expenses for at least the first semester.

For those who can maintain the required scholastic average besides performing some gainful tasks, a limited number of self-aid projects are available. There are a few calls for clerical and laboratory assistants, but most openings for employment are for janitorial and dining-hall jobs. Assignments are made on the basis of financial need, academic record, and probable success in performing the duties assigned. Applications for campus employment should be filed in the office of the Dean of Students.

Resident students may not accept employment off the campus or engage in any business enterprise during the time that the College is in session without the written permission of the Dean of Students.

ACADEMIC POLICIES AND PROCEDURES

The provisions of this Catalogue represent adopted policies and current practices, but are not to be regarded as an irrevocable contract between the College and the student. The College reserves the right to change provisions or requirements and to fix the time when such changes shall become effective.

Admission. All correspondence relating to admission should be addressed to the Office of the Registrar, Saint Joseph's College, Collegeville, Indiana. Application for admission should be filed as early as possible, and all credentials should be in the hands of the Registrar at least three weeks before the opening of the school term. Application forms will be sent upon request. An application fee of \$3.00, not refundable and not applicable to other charges, must accompany the application. All credentials submitted as part of the admission procedure become the property of the College.

General Requirements For Admission. All applicants shall comply with the following requirements:

1. Application form filled out completely by the applicant.
2. Official transcript of credits from all high schools and colleges previously attended, mailed directly from the schools to the Registrar.
3. Evidence of good health and proper immunization provided on an official medical certificate form supplied by the Registrar after an application has been approved.
4. Notification of acceptance from the Registrar. Final action in each case is based upon satisfactory evidence of moral fitness and scholastic ability of the applicant to succeed and profit as a student at Saint Joseph's College. The Committee on Admissions reserves the right to require any candidate to submit additional evidence in this regard before making its decision.

Admission to Freshman Standing. Candidates for freshman standing will be selected from among applicants who, in addition to being persons of wholesome character, sound morals, and good citizenship, present the following academic qualifications:

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1. Certificate of graduation from an approved high school. Graduates from other high schools may be accepted conditionally; full standing will be dependent upon subsequent work.

2. Minimum of fifteen units, ten of which must be from the following academic fields: English, Foreign Language, Social Studies, Mathematics, and Natural Science. (It is not necessary that all of these fields be represented in the ten units). The term "unit," expressing a measure of academic credit, represents a subject carried through not fewer than thirty-two weeks with five recitations a week, or the equivalent.

3. Two of the following three criteria of academic achievement and aptitude:

- a) Average of C or 80 or equivalent in total school work.
- b) Rank in upper half of high school graduation class.
- c) I.Q. of 110 or equivalent.

Note: Whether or not the student meets these entrance requirements will be determined on the basis of information contained in his high school record. It is understood that these minimum requirements do not necessarily guarantee an applicant's admittance. From among the applicants who meet the entrance requirements, the College reserves the right to select those best qualified to succeed at Saint Joseph's. For this reason, the approval or rejection of an application may, in some cases, be deferred till later in the admissions period.

Exceptions:

1. Applicants who fail to meet all the above qualifications, and yet for other reasons give promise of success in college, may be permitted to take an entrance examination or be admitted upon the exceptional recommendation of the high school principal or counsellor.
2. Where in individual cases the applicant meets the regular requirements for admission and yet shows signs of inadequate preparation for college, the Committee on Admissions may require further evidence through an entrance examination or other means.

Early Admissions. Exceptionally well qualified students who have not graduated from high school, but who have completed at least their junior year, may be admitted to freshman standing. Their eligibility for admission will be determined on the basis of high school courses and grades, objective tests and the recommendation of their high school principal or counselor.

Admissions To Advanced Standing. Students transferring from other institutions whose curricula are substantially the same as those of Saint Joseph's may be admitted with advanced standing. A transfer student must:

1. Meet the general entrance requirements.
2. Be eligible to continue in the institution from which they wish to transfer.
3. Be entitled to honorable separation from the institution last attended.
4. Present an index appropriate to his standing at Saint Joseph's (i.e., those who transfer after one semester of college work must have an index of 1.50; after two semesters, an index of 1.75; after three or more semesters, an index of 2.00).
5. No credit will be allowed for work which is not declared prior to admission.

Admission of Special Students. Mature students who wish to pursue particular studies without being candidates for a degree may be admitted as special students if it seems that they can profit from such work. In no case, however, will an applicant under twenty-one years of age be considered eligible to enter as a special student unless he has graduated from high school.

Work done by special students will not be counted toward a degree until all entrance requirements have been fulfilled.

Enrollment. All students are expected to report on the campus on the days officially designated in the College calendar. No new student will be admitted unless he has received official notice of acceptance from the Office of the Registrar.

Registration. No student will receive credit for any subject taken in a class for which he has not been duly registered.

After a student's class schedule has been approved, changes in courses or class sections must in each instance be approved and properly recorded in the Registrar's Office.

Late Enrollment. Students failing to enroll or to pay fees and tuition on enrollment day as designated in the catalogue must pay a late enrollment fee.

Class Schedule. A "Schedule of Classes" is published at the beginning of each semester, showing the courses that are offered, the

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time of meetings, the room numbers, and the instructors. The College reserves the right to withdraw an announced course for which fewer than five students register. It also reserves the right to assign students to class sections and to limit the number of students who may elect a course in case the class becomes unduly crowded or is of such a nature that limited enrollment will be advantageous.

Faculty counselors will assist students in planning their programs of study. The suggested programs which are listed in the catalogue for each department in which a major sequence is offered may serve as preliminary guides for the tentative selection of courses. In all cases it is advisable that the student select his major by the end of his sophomore year and consult his faculty counselor regarding the pattern of courses for the major and minor sequences and the appropriate electives. A student's semester schedule of classes will not be considered final until it has been approved and filed in the Office of the Registrar. Opportunity for necessary adjustments in class schedules is provided during the first week of classes in each semester.

Change of Schedule and Cancellation of Courses. During the first week after the beginning of classes in each semester a student may, with consent of the Registrar, change his schedule by adding or cancelling courses. Courses cancelled during this period do not appear on his permanent record. The student, however, is encouraged to register with care so that such class changes become unnecessary or are reduced to a minimum.

Class Load. The normal amount of work for which a student registers in one semester is sixteen or seventeen hours. To be classified as a full-time student he must register for a minimum of twelve semester hours, or for class work totaling at least fifteen periods per week. Permission to register for a course in excess of eighteen hours must be obtained from the Dean of the College; the basis for such permission shall be the student's ability as evidenced by previous college work. An extra tuition charge of \$15.00 for each credit hour in excess of seventeen will be applied to the student's account, except in those cases where the departmental program recommended in the catalogue requires more than seventeen hours in a particular semester.

Class Attendance. Students are required to attend regularly all lectures, laboratory exercises, tests, and examinations, with the reservations stated below.

Unexcused absences (hereafter called "cuts") are allowed in any semester course to the number of credits in that course; thus, two cuts are permitted in a two-credit course, three cuts in a three-credit course. A one and a half cut is the penalty for missing a course meeting twice a week for 75 minutes.

Cuts are to be used for the following reasons: temporary physical indisposition (colds, headaches, upset stomach, etc.); trip home for dental work or medical consultation; special family events, such as reunions or anniversaries; attendance at the wedding or funeral of a friend or a relative not of the immediate family; student trip with the College Varsity.

Cutting beyond the number of times allowed puts the student into what is called "provisional status" and places upon him the burden of clearing himself promptly in the following manner: having first presented to the instructor an official Dean-of-the-College voucher of payment of the required fee (\$2.00), he makes a passing grade in a special examination or does work to the satisfaction of the instructor. **Failing to clear himself within seven days after his return to class, he loses credit for the course.**

As soon as a student's cuts reach twice the number allowed, he automatically loses the semester credit in the course. He no longer has the opportunity afforded by "provisional status" as outlined in the preceding paragraph. Thus, in a three-credit course, a total of six cuts results in automatic loss of credit.

Not counted as cuts are unavoidable absences for certain reasons properly verified by the Dean of Students and so attested by his official voucher. **This voucher is in each case to be presented to the instructor within seven days after the student's return to class.** The following are the only reasons for which official vouchers are given:

- a) Such sickness of the student as incapacitates him for class attendance (so attested by the infirmarian or a physician).
- b) Death or serious illness in the student's immediate family.
- c) Attendance at the wedding of a brother or sister.
- d) Properly authorized engagement in the interests of the College.
- e) Properly authorized participation as a team member in intercollegiate competition.
- f) Official government summons.

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Absences are counted from the first day of class in any course. Therefore, classes missed because of late registration are counted as cuts, except in these cases:

- a) A new student who has enrolled late in the College.
- b) A student who, with permission of the Dean of College, transfers from one course to another course. Shifting to another section of the same course does not eliminate cuts taken in the first section.

A cut from the last class of any course before or from the first class after a holiday or recess is counted as a double cut except in the case of one-credit courses.

Tardiness and dismissal from class for disciplinary reasons may, at the instructor's discretion, be rated as cuts.

Cutting an announced test or examination incurs a grade of F. This may be removed by the passing a special test after certification by the Dean of the College that the required fee has been paid. Excused absences may be handled in the same manner, except that the fee may be remitted by the Dean of the College.

Withdrawal from courses. After the limit for changes in class schedule, Seniors, Juniors, and Sophomores may not withdraw from a course for which they are registered except with permission of the Academic Dean, after presenting written evidence of consultation with their professor and faculty advisor. Forms for this purpose can be obtained at the Office of the Academic Dean. Such withdrawals will be indicated on the student's record with the letter "W." By discontinuing a course without an official withdrawal, he automatically incurs an "F." **No official withdrawals will be given later than one month after the opening of classes in each semester.**

In his first semester at college, however, a freshman may withdraw without penalty of failure until one week after the mid-semester grading period. (See College Calendar). He likewise must secure permission of the Academic Dean, after presenting written evidence of consultation with his professor and faculty adviser. Forms for this purpose can be obtained at the Office of the Academic Dean.

Withdrawal From The College. Any student (except he be a graduating senior) who, as the end of a semester approaches, is aware that he will not register for the following semester is asked in courtesy so to inform the Registrar and the Dean of Students. About to withdraw from the College during a semester, he must report this

fact to the Dean of Students and the Registrar; failing to do so he will forfeit to honorable separation. Students who discontinue either during or at the end of a semester without having settled their financial obligations to the College will be refused honorable separation and official transcript of credit until all accounts are paid.

Good Standing. A student is granted honorable separation provided he is in good standing. This signifies that the student is eligible to continue, to return, or to transfer elsewhere. It implies good academic standing as well as good citizenship.

Credits. The unit of academic credit is the semester hour. It represents the work of a semester course which meets once weekly for a fifty-minute period requiring approximately two periods of preparation. Thus, a class which meets twice weekly carries two hours of credit; three times weekly, three credits. One laboratory period (two to four hours) is the equivalent of one class meeting. The passing grade required before a student can receive credit is D.

Credit By Examination. Any regularly enrolled student of Saint Joseph's College in good academic standing may receive credit for any course in which he gives evidence of superior achievement by passing an examination in the subject matter of the course with a grade of A or B. The credit and grade thus earned will be entered on the student's academic record and will count toward fulfillment of the regular requirements for graduation.

Courses (with grade and credit) earned through credit by examination are not computed in the semester index but only in the cumulative index.

1. **Schedule of Tests:** (a) at the beginning of the first semester; (b) the first semester final examinations; application must be made before the student leaves for Christmas vacation; (c) the second semester final examinations; application must be made before May 1.

2. Application to take credit by examination is made at the Office of the Academic Dean.

3. **Eligibility.** (a) No student may receive credit by examination in a course for which he is currently enrolled for credit, or has, at some time, enrolled for credit or for audit; (b) courses involving laboratory experience or practice cannot be taken through credit by examination.

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4. Recording of tests. A record shall be kept in the student's folder of all tests taken with the intention of receiving credit by examination. Only those courses, however, for which the student receives credit (by a grade of A or B) will be entered onto his permanent scholastic record, and they shall be designated as Credit by Examination.

5. Fees. The fee for each test taken to obtain Credit by Examination is \$5.00.

6. Tests. The tests shall be regular semester tests of the type given in the course for which the student is seeking credit. Such tests shall be made out, scored, graded and administered by an Instructor appointed by the Academic Dean.

Auditing Courses. Auditing a course means attending class without obligation with respect to regularity of attendance, outside class work, tests, or examinations. Students register for audit courses in the same manner as for credit courses. The total number of credit and audit hours combined for which a student registers may never exceed twenty-one a semester. Audited courses are recorded in the Registrar's Office but do not form a part of the student's permanent scholastic record. For full-time students the fee for auditing a course is \$5.00 for each semester-hour in excess of seventeen hours of credit and audit work combined. For part-time students the fee is \$15.00 a semester hour.

Grading System. Grades are given in letter symbols; no definite numerical value is indicated. The symbol A indicates excellent achievement; B above average; C, average; D, acceptable but poor; F, failing; W, withdrew; I, incomplete.

Grade Reports. Grade reports for all students are made to the Registrar twice each semester. The mid-semester reports are tentative indications of the student's progress; those following the semester examinations form his permanent record. Reports are issued to parents and students after each grading period.

Quality Points. A grade of A represents greater accomplishment in a four-credit course than does the same grade in a two or three-credit course. In order that a student's degree of success on the basis of both factors (amount of work represented by his courses, and the grades received) may be judged, use is made of the quality point. Quality points assigned to a grade multiplied by the credits allowed in a subject will give the total points accruing to the student for his achievement in that subject.

Grades	Meanings	Quality Points
A	Excellent	4
B	Above Average	3
C	Average	2
D	Acceptable but Poor	1
F	Failing	0

Incomplete Grade. A course in which the grade of I is received will not be considered in computing the index until the incomplete grade is removed. If the I is not removed within five weeks after the semester (except in Honors Courses), a grade of F will be assigned.

Scholastic Index. The index expresses in one convenient symbol the ratio of a student's total quality points to his total hours attempted. This ratio is found by dividing the sum of the student's quality points by the sum of hours attempted. Thus, if his points equal his hours attempted, his index will be 1.00, indicating that he is maintaining himself at the general level of D.

Honors Students and Dean's List. Students with a cumulative index of 3.00 or higher are classed as Honors Students. In order to deepen and to further the education of these students and to encourage them to independent study and research, the College offers certain academic privileges to them.

Students with a cumulative index of 3.00 or above, (a) are eligible to complete residence requirements in seven semesters or equivalent; (b) are eligible to graduate with honors by taking Honors Course 51 in their major field. The honors course may be started by making application in the Office of the Academic Dean in the student's second-last semester; the student registers for the course in his last semester.

All-College Honors Program. The purpose of this program is to enable exceptional students to broaden and deepen their knowledge by enrolling in courses offered by the Honors Department.

1. Eligibility. Students are invited to enter this program through the Office of the Academic Dean. These students are assigned to a special Honors Committee which assists them in arranging their participation in the program. Students become eligible for this program at the close of their freshman year.

2. Requirements. (a) To qualify for graduation with All-College Honors, students must have the required cumulative index for honors and must complete a minimum of five Honors Department Courses from at least three different departments. (b) Students in this program may substitute these courses for the graduation requirement of twelve hours in a minor.

3. Graduation. A student on this program may qualify for All-College Honors without completing requirements for Departmental Honors.

Dean's List. Students with a semester or a mid-semester index of 3.50 or higher are placed on the Dean's List. They are excused from the requirements of the cut system for the following grading period unless, in a particular instance, the instructor rules otherwise. Students on the Dean's List are, however, expected to be present for all announced tests and will be held responsible for the subject matter of the courses they are taking. If at any time during the grading period it becomes evident that excessive absence from class is endangering the student's progress, the Dean or the Instructor shall have the right to revoke the privilege.

Probation and Dismissal. The mid-semester grades serve as an indication of the student's adaptability to his chosen program of studies. Both the parents and the student are informed when his work is below the required level at the mid-semester grading period.

At the semester grading period, first semester freshmen with index below 1.50, second semester freshmen with index below 1.75, and sophomores, juniors and seniors with index below 2.00, are placed on probation. If this status is not removed at the next semester grading period, the student will be dropped for poor scholarship unless **on appeal for special reasons** he is granted an extension by the Academic Senate. If he submits an appeal he must do so by writing personally to the Academic Dean within two days after he receives notification of his status.

Students who, at the semester grading period, fail in as much as one-half of their work will be dropped for poor scholarship.

Students dropped for poor scholarship may, after the lapse of a semester, apply for readmission. If their application is approved, they will be readmitted on probation and must maintain the scholastic index required by their classification. If dropped for poor scholarship a second time, they are not eligible for readmission.

Classification. Students are enrolled as **regular** when they meet all entrance requirements and have been approved for a course of studies leading to the bachelor's degree; as **special** if the course work is not to be counted toward the fulfillment of degree requirements. Students may be registered as either full-time or part-time students. A full-time student is one who is carrying a minimum of twelve semester hours of college credit, or who is registered for class work totaling at least fifteen periods per week.

A student is classified as a **freshman** if he meets the entrance requirements; as a second semester **freshman** when he has completed **12 semester hours**; as a **sophomore** when his record shows **28 semester hours** of college credit; as a **junior** when he has earned **58 semester hours**; and as a **senior** when he has completed **92 semester hours** of credit.

Athletic Eligibility. A student is eligible to participate in inter-collegiate athletic contests under the following conditions:

1. Be of approved physical condition as certified by the College physician.
2. Meet the requirements for classification as a regular full-time student at Saint Joseph's College.
3. Have successfully completed a minimum of twelve semester hours of college credit in his last previous semester unless he is a beginning freshman.
4. Be in good academic standing as determined by the scholastic index requirement according to his classification.
5. Be eligible to play in a designated game according to the rules, policies, and approved practices of the Indiana Collegiate Conference with respect to amateur standing, length of previous participation, institutional transfer and similar matters.

It is the responsibility of the players as well as the coaching staff to know and comply with the letter and the spirit of the athletic policies adopted and approved by the faculty.

Awards and Prizes. The recognition of merit in the individual is natural and proper as an incentive to personal and social progress. The awards and prizes listed below represent the College's attestation of the recipients' excellence in written and oral expression as demonstrated in the annual competitive exercises in a variety of fields. In all cases the College reserves the right to withhold an award if, in the opinion of the judges, none of the entries in a contest attains a standard of excellence sufficient to merit the distinction implied by the conferring of the award.

National Honors Societies. On October 15, 1956, the Gamma Delta Chapter of Delta Epsilon Sigma, National Catholic Honors Society was installed at the College. Junior students who have a minimum of a B average are eligible for this distinction; in the spring semester of 1960, the College established a chapter of Phi Eta Sigma, a national honors society for freshmen and sophomores; eligible are students with a 3.50 index.

The Alumni Essay Award. The sum of twenty-five dollars is awarded annually to the student submitting the best English essay to a committee of three appointed by the Saint Joseph's Alumni Association, the donor of this award. The second prize is fifteen dollars.

This contest is open to all students. Contestants must submit three typewritten copies of their work, under an assumed name or some special mark of identification, to the professor in charge of the contest not later than May 1 of the current year.

The Mary J. Pursely Memorial Award for Creative Writing. This gift was made by the Most Rev. Leo A. Pursley, D.D., '21, Auxiliary Bishop of Fort Wayne. This is an annual award of fifty dollars for the best work in creative writing submitted to three judges. The purpose of the contest is to encourage the writing of good Catholic literature in the form of fiction, drama, or poetry.

The Hanley Science Award. A prize of one hundred dollars is awarded to the student who, in the estimation of the instructors in the Division of Natural Sciences, composes the best essay in the field of science or mathematics. The prize for second place is fifty dollars. The contest is limited to members of the junior and senior classes taking a major or minor sequence in the Division of Natural Sciences. Essays must be submitted not later than April 1 of the current year. The first prize is donated by Mr. William A. Hanley, '08, Indianapolis, Indiana. The second prize is donated by Dr. Frank A. Benchik, '42, of East Chicago, Indiana.

The Monsignor T. M. Conroy Memorial Oratory Medal. The Reverend James J. Conroy, '32, continuing the foundation established by his uncle, the Rt. Rev. Msgr. Thomas Conroy, '96, is the donor of the oratory medal awarded annually. The contest is open to students who have given evidence of superior effort and ability in the freshman or sophomore speech courses. First prize, gold medal and fifteen dollars; second prize, ten dollars, third prize, five dollars.

Trustees Business Award. A plaque and the sum of one hundred dollars, donated by the Board of Lay Trustees of St. Joseph's College, is annually awarded to the student graduating from the Division of Business or Accounting, who, in the estimation of a committee of instructors, is most deserving of the award in view of his superior scholarship and his leadership in extracurricular activities. In order that a student may be considered for the award he must have achieved a cumulative scholarship average of the grade of B, implying a scholastic index of 3.00 and meriting graduation with the distinction, *cum laude*.

GRADUATION REQUIREMENTS

Degrees. Saint Joseph's College confers the Bachelor of Arts degree in Biology, Biology-Chemistry, Chemistry, Economics, English, English-Journalism, Geology, History, Mathematics, Mathematics-Physics, Philosophy, and Theology; the Bachelor of Science degree in Accounting, Finance Management, Marketing, Education, and Physical Education. However, the student who majors in Biology, Chemistry, Geology, or Mathematics, may, if he prefers, receive the Bachelor of Science degree. Students completing the curriculum for the preparation of elementary teachers receive the Bachelor of Science in Education degree. (B.S. in Ed.)

A Second Bachelor Degree. Students of Saint Joseph's College may qualify for a second baccalaureate degree by spending at least one semester of residence at Saint Joseph's by completing catalogue requirements for their first degree, and by showing twenty-four hours upper level credit in a second major.

A student holding a bachelor's degree from another accredited college may qualify for a degree from Saint Joseph's by a semester of residence and by showing 24 hours and passing a comprehensive examination in their major field.

Degree in Absentia. Students who have attained senior standing after the completion of three years of residence and who have then transferred to a school of law, engineering, or medicine may secure the degree in absentia. In addition to the requirements regarding total hours, advanced courses, major and minor sequences, comprehensive and graduate record examinations, the candidate will be required to show successful completion of the first year's work in the professional school in which he has enrolled.

Graduation With Honors, is conferred on the basis of successful completion of an honors seminar in the department of the student's major together with a cumulative index (through the four years of college) of 3.00 for the honor **Cum Laude**, of 3.50 for **Magna Cum Laude**, and of 3.75 for **Summa Cum Laude**.

Graduation with Honors for Degree in Absentia. Students transferring to a professional school and planning to graduate in absentia, may graduate with honors from Saint Joseph's College by completing an honors paper in the semester preceding their transfer to a professional school. To be admitted, a student must ordinarily have a 3.00 cumulative index for his first two years. The grades which the students transfers from the professional school at the time when he

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qualifies for graduation from Saint Joseph's College, must, on an equivalent basis, qualify him for honors.

Honors Seminar. As a means to promote scholarship and initiative on the part of superior students, those departments which offer a major also conduct an honors seminar. This is a course in independent study, directed reading, and research in the student's field of concentration, the results of which are to be formulated in a research paper. To be admitted the student must have in his junior year maintained a B average in his major sequence. Topics for research must be approved by the student's major professor.

Residence. Completion of the college course requires normally that the student be in residence for eight semesters or the equivalent.* Three six-week summer sessions are considered the equivalent of one semester. Work completed at off-campus extension centers is accepted up to sixty semester hours. Not more than twelve within this maximum of sixty hours may be taken by correspondence. The last thirty semester hours and sixty quality points must ordinarily be completed on the campus of Saint Joseph's College. For exceptions, see "Degree in Absentia."

Junior year abroad. Students who plan to spend their junior year abroad are to apply to the Academic Dean's Office at the beginning of their fourth semester. There are two types of programs available:

- a) programs involving instruction in a foreign language at a foreign university;
- b) programs involving instruction in English at a foreign university either by participating in the Institute of European Studies programs at the University of Vienna or at the Institute for American Universities affiliated with the University of Aix-Marseilles in southern France.

Students on Junior Year programs are required to complete all graduation requirements.

Examinations. In addition to the regular course examinations, the student is required to take the following examinations:

*See exception for Honors Students, p. 45.

1. Comprehensive Examinations. The candidate for the degree must pass a comprehensive examination covering his major field. Preparation for this examination implies that from the very beginning the student will have organized the results of his study and reading with a view to permanent retention. The subject matter for the comprehensive examination in a departmental major covers the entire area of undergraduate preparation in that particular field of knowledge and is, therefore, not restricted to the specific subjects which the candidate has completed in the course. The student will be tested on his knowledge of basic facts and principles, his insight into relationships and his ability to apply what he has learned to the solution of typical problems. The norm for passing the examination may be stated at that degree of competence which would be obtained from a careful reading and independent study of standard texts proper to all courses, lower-level as well as upper, offered by the Department. The Divisional Chairman in consultation with the Dean of the College will determine the scope of the examination for the student who has selected a divisional or group major. Comprehensive examinations are written tests of approximately six hours in length and are administered towards the end of the semester.

2. Graduate Record Examinations. All seniors are required to take the Graduate Record Examination (Area tests and Advanced Tests) in their final year on the dates set down in the College Calendar.

Semester Hours and Quality Points.

1. A minimum of 124 semester hours and 248 points are required for graduation (a cumulative index of 2.00).

2. The number of quality points earned in courses of the major sequence must equal at least twice the minimum credit hours required for the respective major (a cumulative index of 2.00).

3. At least 60 hours must be completed on the lower level, including the prescribed work in general education; at least 50 hours, including the requirements of advanced and special education, must be completed on the upper level.

4. Not more than 42 hours in a single department will be counted toward the minimum total required for graduation.

5. A minimum index of 2.00 is required in the student's last semester of residence.

Course Requirements. The faculty of Saint Joseph's College has given considerable thought and effort to the building of a curriculum

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which will provide a sound program of general education for all students. It is generally agreed that colleges exist for the purpose of transmitting the cultural inheritance; that every educated person should have an acquaintance with the facts and the methods of inquiry in the chief fields of knowledge; and that learning must have breadth as well as depth. While, therefore, the courses in general education are wide in scope, they must not be regarded as shallow or superficial, for they have been designed to be both the foundation and the complement of the more specialized courses in designated fields of concentration.

All courses are grouped under the six Divisions: Religion and Philosophy, the Humanities, the Natural Sciences, the Social Sciences, Business and Economics, and Education. Furthermore, Freshman courses (1-19) and Sophomore (20-29) are designated **lower-level**, while Junior (30-30) and Senior (40-51) are distinguished as **upper-level** courses on the basis of content and instructional procedures. Ordinarily, odd-numbered courses are offered during the first semester and even-numbered courses during the second semester.

Lowr Level Requirements: General Education

Course Numbers: 1-29

The number of semester hours a student must earn on the lower level is a minimum of sixty. Of these, the following specified courses constitute, with the exceptions noted below, that part of the program of general education required of all. They are to be completed, ordinarily, by the end of the sophomore year.

	Semester Hours	
English 3-4, or 7-8 -----	6	Rhetoric and Composition or Freshman Literature
Humanities 23-24, 25, 27 -----	8	World Literature; Music Art Forms; Art: History and Appreciation
Philosophy 12 and 21 -----	6	Logic; General Psychology
Religion 11 and 21 -----	6	The Sacred Liturgy; Christ in the Scriptures.
Science -----	10	Biology 5 (3 hours); Mathematics 5 (3 hours); and 4 hours from: Chemistry 5 (2 hours); Geology 5 (2 hours); Physics 5 (2 hours); Physics 7 (2 hours).
History 11-12 -----	6	Development of Western Institutions
Social Science Elective -----	3	Elective in Economics, History, Politics, Sociology (Upper or lower level)
Speech 15 -----	2	Fundamentals of Speech
	—	

Exceptions:

1. Certain adjustments and substitute courses are provided for the student who at registration definitely plans to follow a program in the natural sciences, or teacher training. See details under these heads.
2. The extent to which the lower-level credits presented by the transfer students are acceptable in fulfillment of the requirements in general education is determined by the Dean of the College.
3. Students who are not of the Catholic faith are at liberty to substitute other courses for the 6 additional hours in religion regularly included in the college program.

Foreign Language. While offered as a recognized element in liberal education, foreign language study is not required of all. However, German specifically is required of Chemistry majors; a foreign language is required of English majors; and German or French is strongly recommended for the student planning to enter graduate school.

Upper Level Requirements: Advanced and Special Education

Course Numbers: 30-51

Every approved sequence of courses leading to a bachelor's degree is based on the assumption that as the student advances, he must accept an increasing share of the responsibility for his own education. Within the framework of a few basic principles of organization and minimum essential requirements, he is encouraged to select advanced courses which best fit his needs, interests, and vocational aspirations. The suggested programs which are listed in the catalogue for each department in which a major sequence is offered may serve as preliminary guides for the tentative selection of courses. In all cases it is advisable that the student select his field of concentration by the end of his sophomore year and consult his faculty counselor regarding the pattern of courses for the major and minor sequences and the appropriate electives.

The number of semester hours on the upper level required for graduation is a minimum of fifty. The program of advanced or special education will include the following:

Major Sequence. Ordinarily this will embrace a minimum of twenty-four semester hours of upper-level credit in a department, or,

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for a group major, thirty-six credit hours in a division of instruction. Students should see special regulations under each department.

Minor Sequence. Ordinarily this will be a minimum of twelve semester hours of upper-level credit in a department chosen for its relation to the major sequence though not necessarily in the same Division.

Religion and Philosophy. Nine upper-level hours in religion and six upper-level hours in philosophy are required. Philosophy 31, Metaphysics, is required of all students.

Semester	Hours
Religion 31, 43, 44 -----	9
	God and Creation; Christian Morality; Christology
Philosophy 31 -----	3
	Metaphysics
Required Elective -----	3

Electives. Additional courses to complete the fifty upper-level hours and a total minimum of 124 semester hours and a minimum of 248 quality points required for graduation.

DIVISIONS, DEPARTMENTS, COURSES OF INSTRUCTION

56	Majors, Minors and Degrees Offered
57- 60	DIVISIONS OF INSTRUCTION
61-147	DEPARTMENTS AND COURSES
61- 63	Accounting
64	Agriculture
64- 68	Biology
69- 75	Business Administration
76- 80	Chemistry
80- 83	Economics
83- 89	Education
90- 98	Engineering: Aeronautical; Agricultural; Chemical; Civil; Electrical; Industrial; Mechanical; Metallurgical
99-102	English
102	French
103-106	Geology
107	German
107	Greek
107-111	History
111	Honors
112	Humanities
113-115	Journalism
115-116	Latin
116-120	Mathematics
120-124	Music
124-127	Philosophy
127-131	Physical Education
131-133	Physics
133-135	Political Science
136	Psychology
137-139	Religion
140-143	Sociology
144	Spanish
144-146	Speech
146-147	Theology

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MAJORS, MINORS AND DEGREES OFFERED

Department	Major (24 hrs.)	Minor (12 hrs.)	Degree
Accounting	x	x	B.S.
Biology	x	x	B.A. or B.S.
Biology-Chemistry	x	x	B.A. or B.S.
Business Administration			
General Business	x	x	B.S.
Marketing	x	x	B.S.
Chemistry	x	x	B.A. or B.S.
Biology-Chemistry	x		B.A. or B.S.
Economics	x	x	B.A.
Education	x	x	
Elementary	x		B.S. in Ed.
Secondary	x		B.S.
Engineering			
Five year program*			B.A. and B.S.
English	x	x	B.A.
English-Journalism	x		B.A.
French		x	
German		x	
Geology	x	x	B.A. or B.S.
Greek			
History	x	x	B.A.
Journalism-English	x		B.A.
Journalism		x	
Latin			
Liturgical Music	x	x	B.A.
Mathematics	x	9 hrs.	B.A. or B.S.
Mathematics-Physics	x		B.A. or B.S.
Music		x	
Philosophy	x	x	B.A.
Physical Education	x	x	B.S.
Physics		x	
Politics	x	x	B.A.
Psychology		x	
Religion		x	
Sociology	x	x	B.A.
Spanish		x	
Speech		x	
Theology	x		B.A.

* Five year Engineering program are available in Aeronautical, Agricultural, Chemical, Civil, Electrical, Industrial, Mechanical and Metalurgical Engineering. After three years at Saint Joseph's, and two or three semesters at Marquette University, Purdue University, Rose Polytechnic Institute, Saint Louis University, University of Illinois, University of Notre Dame or any accredited engineering college, the student may qualify for a B.A. degree from Saint Joseph's. After his fifth year, he qualifies for a Bachelor's degree in Engineering from one of these Universities.

DIVISIONS OF INSTRUCTION

Saint Joseph's College is organized into six **Divisions of Instruction**, each of which is further divided into departments or courses of instruction.

I. The Division of Religion and Philosophy includes the Departments of Religion, Theology and Philosophy.

The Department of Religion offers a minor in Religion and a B.A. degree in Theology in the Summer Session; the Department of Philosophy offers a major and a minor in philosophy.

The courses in religion and philosophy are designed to present a rational Christian explanation of the universe, man, and God. They stress the philosophical principles fundamental to a deeper understanding of revealed truths and show the relation of religion and philosophy to other fields of knowledge. Their purpose is to expand the student's knowledge and enrich his appreciation of Catholic life and faith, and thereby offer him incentives to shape his individual, his family and his social life in accordance with that teaching.

II. The Division of Humanities includes the Departments of English, Classical Languages, Foreign Languages, Speech, Music and Journalism.

The primary purpose of the teaching in this Division is to develop some degree of appreciative understanding and power of expression in language, literature, music, and art, which are generally valued for their refining influence. This involves also some attention to the relation between principles of art and the Catholic tradition. Another objective is to enlarge the student's acquaintance and enrich his sympathy with the culture of peoples as reflected in their language and art. It is in the nature of the humanities that they contribute to the aims of general education; the upper-level courses make possible concentration in certain departments.

Majors are offered in English and in English-Journalism; minors, in English, Journalism, Modern Languages, Music, and Speech.

The Division also offers the following courses in the Humanities: World Literature; Art: History and Appreciation; Music Art Forms (see below under Humanities).

III. The Division of Natural Sciences includes the Departments of Biology, Chemistry, Engineering, Geology, Mathematics and Physics.

The Division of Natural Sciences comprises four fields: the biological sciences, engineering, mathematics and the physical sciences. The general aim of the Division is to foster an appreciation of the material world as a masterpiece of God's creation and thereby to make an integral contribution to the program of general education.

Both the divisional and departmental courses are designed to enable the student to obtain: 1. Factual information about the material world. 2. An understanding of the difficulties involved in gaining this information and a knowledge of some of the methods used for overcoming such difficulties. 3. An ability to comprehend and to evaluate critically statements concerning the subject matter of the sciences. 4. Knowledge of some accepted solutions to the problems posed by time and quantity, the physical world and living organisms, and the application of these solutions to the problems of modern living.

The departmental courses have these further purposes: 1. To develop skill in the generally accepted methods of scientific investigation. 2. To prepare the student for work in graduate or professional schools. 3. To meet the needs of those students who are preparing for entrance into certain vocational fields upon graduation.

The Division of Natural Sciences offer a major sequence leading to the A.B. or B.S. degree in each of the following Departments: Biology, Chemistry, Geology, and Mathematics. Engineering students may receive the A.B. degree by completing one of the engineering programs described on pages 88-98.

Students majoring in the natural sciences will substitute the prerequisite departmental courses on the lower level for the ten semester hours of divisional courses in natural sciences otherwise demanded in fulfillment of the requirement in general education.

A group major in biology-chemistry is offered by the Division for pre-medical students. The minimum requirement is thirty-six hours in upper-level courses in biology and chemistry so distributed as to include a minimum of sixteen in each department. This group major must include the following upper-level courses: Biology 39, and Chemistry 31-32, 33, and 36. Four semesters of credit, or the equivalent, in a modern foreign language are required; German or French are recommended. No minor sequence is required.

The Division offers also a group major in mathematics-physics. The minimum requirement is thirty-six semester hours in upper-level courses with a minimum of 16 hours in each field. Mathematics 31, 33, 34, 41, and Physics 31, 41-42, and 44 must always be included. No minor sequence is required.

IV. The Division of Social Sciences includes the Departments of Economics, History, Politics and Sociology.

The Division of Social Sciences seeks to enlarge the student's social understanding and to deepen his sense of responsibility with the view that he may lead a more useful life as a member of society. He is to become acquainted with the social heritage which the study of the past provides for the interpretation of the present and as a guide to the future. He is to become acquainted with the social teaching of the Church and its application to current social issues.

The Division offers a major sequence in each of the following Departments: Economics, History, Politics and Sociology. The major is twenty-four hours in upper-level courses as prescribed under the respective Department.

V. The Division of Business and Economics includes the Departments of Accounting, Business Administration and Economics.

The Division of Business and Economics seeks to provide an opportunity for the student to develop the knowledge, technical skills, moral attitudes, and understandings which will serve as a foundation for the study of the economic and business aspects of reality and which will to some extent prepare him for a career in business or for graduate or professional study.

The Division offers the following majors: Accounting, Economics, Finance, Management, and Marketing. The major is twenty-four hours in upper level courses as prescribed under the respective Department.

All students within the Division of Business and Economics must show credit in Economics 49, Catholic Social Teaching; this course may be counted as part of a minor in the Division of Business and Economics.

VI. The Division of Education includes the Departments of Education and of Physical Education.

The first aim of the Division of Education and of its courses is to offer students knowledge of education and of physical education as branches of learning. The courses are directed towards having the student know what education is, and how its history and philosophy

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have been important factors in the life of mankind. The second aim of the Division is to impart knowledge of the factors involved in the educational process and of imparting skills for prospective elementary and secondary school teachers and coaches.

Majors are offered in Elementary, Secondary and Physical Education; minors are offered in Education and Physical Education.

D E P A R T M E N T S A N D C O U R S E S

DEPARTMENT OF ACCOUNTING

The Department of Accounting provides the fundamental courses which are to prepare the student for entrance into the profession of accountancy, including public and private accounting practice or government service. Upon completion of this program of study, the student becomes eligible for the bachelor's degree in accounting, and he may secure through experience and state examination the status of certified public accountant.

In the field of public accounting there are opportunities in municipal and private auditing, system design and installation, cost and tax work. Federal and state governments provided opportunities for accountants in a wide variety of activities, including income tax and other taxation, farm administration, banking, interstate commerce, and the like. In private accounting practice, thoroughly trained accountants have opportunities for advancement into executive, financial, and auditing or cost positions.

Accounting 21-22 and Economics 21-22 are prerequisite for all upper-level courses.

The requirement for a major sequence in accounting is twenty-four hours in upper-level courses, including Accounting 31, 32, 33-34, 41 and 45; Economics 49 is also required of Catholic students. The requirement for a minor sequence is twelve hours in upper-level courses.

All students registered for courses in accounting are required to take the series of standardized tests administered by the Department.

COURSES IN ACCOUNTING

13-14. Introductory Accounting 6 hours

A basic course in accounting designed for those students who are neither majoring nor minoring in accounting, but who realize the need of accounting information for their future careers. The functions of the Income Statement and the Balance Sheet are adequately investigated.

21-22. Principles of Accounting 6 hours

A fundamental course designed for majors and minors in accounting. The course is presented so that the student is properly prepared in the theory and techniques of accounting that are neces-

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sary for the advanced courses. Emphasis is placed on the solution of accounting problems.

31. Intermediate Accounting 3 hours

An investigation into the form and content of financial statements with particular emphasis on accounting for assets, both tangible and intangible. Special attention is given to corporate capital accounts.

32. Advanced Accounting 3 hours

Advanced partnership problems and techniques for analyzing and interpreting financial statements are considered in this course. Attention is also given to special transactions resulting from consignments and installment sales. The effects of changes in the value of the dollar on accounting problems completes the course.

33-34. Income Tax Accounting 6 hours

This course is designed to familiarize the student with the federal income tax laws by means of lectures and practical problems. It is devoted to an intensive study of the income tax laws as they apply to individuals, partnerships, and corporations.

38. Pro-Seminar in Accounting Theory 3 hours

An introduction, by means of directed reading and individual projects, to the methods of accounting research and the theory of accounts.

41. Specialized Statements 3 hours

Special emphasis is placed on the preparation of consolidated statements of position and income. Consideration is also given to such supplementary statements as the funds statement, cash-flow statement, and statements required of fiduciaries.

45. Cost Accounting 3 hours

This course presents an analysis of the importance of cost accounting in the modern business world. Cost terminology and technique are developed through the medium of problems dealing with job cost systems, process cost systems, and standard cost and uniform cost procedures.

46. Controllership 3 hours

This course is designed to acquaint the student with the types of problems facing the chief accounting officer of the corporation with the aim of developing facility in the manipulation of accounting data. Rationalization of procedures and preparation of reports is illustrated by reference to specific business cases.

**Suggested Program of Courses for the B.S. Degree with
Accounting as Major Sequence**

FRESHMAN YEAR

	Semester	Hours	
Biology 5 -----	3	Principles of Biology	
Business 21 -----	3	Principles of Marketing	
English 3-4 -----	3 3	Rhetoric and Composition	
History 11-12 -----	3 3	Development of Western Institutions	
Humanities 23-24 -----	2 2	World Literature	
Mathematics 5 -----	3	General Mathematics	
Philosophy 12 -----	3	Logic	
Religion 11 -----	3	The Sacred Liturgy	
Science requirements -----	2	Chemistry 5; or Geology 5; or Physics 5; or Physics 7	
	— —		
	16 17		

SOPHOMORE YEAR

Accounting 21-22 -----	3 3	Principles of Accounting
Business 23-24 -----	3 3	Business Law
Economics 21-22 -----	3 3	Principles of Economics
Humanities 25, 27 -----	2 2	Music Art Forms; Art: History & ap- preciation
Philosophy 21 -----	3	Philosophy of Man
Religion 21 -----	3	Christ in the Scriptures
Speech 15 -----	2	Fundamentals of Speech
Science requirements -----	2	Chemistry 5; or Geology 5; or Physics 5; or Physics 7
	— —	
	16 16	

JUNIOR YEAR

Accounting 31, 32 -----	3 3	Intermediate; Advanced Accounting
Accounting 33-34 -----	3 3	Income Tax Accounting
Accounting 38 -----	3	Pro-Seminar
Business 31 or 38 -----	3	Industrial Management or Statistics
Business 32 or 36 -----	3	Personnel Management; Corporation Fi- nance
Economics 49 -----	3	Catholic Social Teaching
Minor Sequence -----	3 3	
Philosophy 31 -----	3	Metaphysics
Religion 31 -----	3	God and Creation
	— —	
	18 18	

SENIOR YEAR

Accounting 41 -----	3	Specialized Statements
Accounting 45, 46 -----	3 3	Cost; Controllership
Accounting 47, 48 -----	3 3	Auditing; C.P.A. Problems
Accounting 51 -----	3	Honors Seminar
Minor Sequence -----	3 3	
Philosophy, upper level -----	3	
Religion 43, 44 -----	3 3	Christian Morality; Christology
	— —	
	18 15	

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47. Auditing 3 hours

A course designed for those intending to enter the profession of public or private accounting. The responsibilities of auditors and the regulations applying to the profession are studied, with special reference to the rules of professional conduct for members of the American Institute of Certified Public Accountants. Various types of audits and their purposes are analyzed. Certificates are studied and prepared.

48. C.P.A. Problems 3 hours

51. Honors Seminar in Accounting 3 hours

DEPARTMENT OF BIOLOGY

The departmental courses in biology are intended to help the student acquire: 1. A knowledge of the basic principles of the biological sciences and some skill in the application of the scientific method to biological problems. 2. The necessary background for work in graduate or professional schools of medicine, dentistry, or biological science. 3. The biological background for certain professional careers such as teaching biology in secondary schools or working with biological surveys and in museum laboratories.

Biology majors are encouraged to attend the summer course in invertebrate zoology, embryology, and physiology at the Marine Biological Laboratory at Woods Hole, Massachusetts. Upon application to the Department, credit may be allowed up to six hours for the successful completion of one of the above courses.

The minimum requirement in upper-level courses for a major sequence in biology is twenty-four semester hours; for a minor sequence, twelve semester hours.

Majors in biology must show credit in the following courses: Biology 11-12, 31-32, 39; Chemistry 31-32; Physics 21-22 (or Physics 23-24); and four semesters in one modern foreign language. German or French is recommended. Minors in Biology must show credit in Biology 11-12.

Majors in Biology who plan to teach in high school must show credit in Biology 11-12, 41, Chemistry 31-32 and Physics 21-22; they may substitute education courses for the foreign language requirement.

Laboratory fees: Biology 11, 12, and 22, each \$7.50. Biology 31, 32, 34, 39, 40, 41, 43, 44, 45, 47, and 51, each \$10.00.

**Suggested Program of Courses for the A.B. or B.S. Degree with
Biology as Major and Chemistry as Minor Sequence.¹**

FRESHMAN YEAR

	Semester	Hours	
Biology 11, 12 -----	4	4	Zoology; Botany
Chemistry 11, 12 -----	4	4	General Chemistry; Inorganic Chemistry and Qualitative Analysis
English 3-4 -----	3	3	Rhetoric & Composition
Mathematics 11-12 -----	6	—	College Mathematics
Philosophy 12 -----	3	—	Logic
Religion 11 -----	3	—	The Sacred Liturgy
	—	—	
		17	17

SOPHOMORE YEAR

Biology 31-32 -----	3	3	Comparative Vertebrate Anatomy
Chemistry 31-32 -----	4	4	Organic Chemistry
History 11-12 -----	3	3	Development of Western Institutions
Humanities 23-24 -----	2	2	World Literature
Humanities 27 -----	2	—	Art: History and Appreciation
Philosophy 21 -----	3	—	Philosophy of Man
Religion 21 -----	3	—	Christ in the Scriptures
Speech 15 -----	2	—	Fundamentals of Speech
	—	—	
		17	17

JUNIOR YEAR

Biology 39, 40 -----	4	4	Embryology; Histology
Biology 38 -----	3	—	Genetics
Chemistry 33 -----	4	—	Quantitative Analysis
German 1-2 -----	3	3	Introductory German (or French) ³
Humanities 25 -----	2	—	Music Art Forms
Philosophy 31 -----	3	—	Metaphysics
Physics 21, 22 -----	4	4	College Physics
Religion 31 -----	3	—	God and Creation
	—	—	
		18	19

SENIOR YEAR

Biology 35-36 -----	1	1	Seminar in Biology
Biology 51 -----	3	—	Honors Seminar
Biology upper level -----	4	6	Biology Electives Major or Minor ²
German 21, 26 -----	3	3	Intermediate, Scientific German ³
Philosophy, upper level -----	3	—	Required Elective
Religion 43, 44 -----	3	3	Christian Morality; Christology
Social Science -----	3	—	Elective
	—	—	
		17	16

¹ Students in the biology-chemistry group major must include chemistry 36 in their program.

² Biology Electives available: 34, 41, 42, 43, 44, 45, 47.

³ Students preparing to teach Biology in high school may substitute education courses for foreign language; then must also take Biology 12 and 41.

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5. Principles of Biology 3 hours

This course, designed for the student who does not intend to major in the natural sciences, affords him an opportunity to obtain some understanding and appreciation of the basic principles of biological science and an acquaintance with some of the more commonly known plant and animal forms. These are studied in their relation to man as a living entity sharing certain functions with them, dependent upon them for nutrition, clothing, medicine, and industrial processes, or guarding himself against them for purposes of health.

11. Introductory Zoology 4 hours

The fundamental principles of animal biology and a study of appropriate type forms illustrating the various phyla, with stress on laboratory exercises. Two lectures and two two-hour laboratory periods each week. Students majoring in one of the natural sciences may substitute this course for the divisional course in biological science.

12. Introductory Botany 4 hours

The fundamentals of plant biology including the identification of some of the more common plants and trees, a study of the structure and physiology of plants, and an introduction to the Mendelian laws of heredity. Two lectures and two two-hour laboratory periods each week.

22. Human Anatomy and Physiology 4 hours

An introductory course intended primarily for physical education majors. The course is recommended for students preparing to teach biology or health in high school. Three lectures and one two-hour laboratory period each week.

Prerequisite: Biology 5 or 11.

25. Personal and Community Health 3 hours

Personal health and the prevention of disease in the family and community; relation of sanitation and disease control to community health; communicable diseases. Three lecture periods each week.

31-32. Comparative Vertebrate Anatomy 6 hours

The study of type forms of different classes of vertebrates, from the viewpoint of the morphological relationships of the various organs and systems. One lecture and two two-hour laboratory periods each week.

Prerequisite: Biology 1.

34. Microtechnique 2 hours

Principles and practice in the preparation of animal and plant tissues and small organisms for microscopic study. Two two-hour laboratory periods each week.

Prerequisites: Biology 1 or 2, and Chemistry 2.

35-36. Seminar in Biology 2 hours

Intensive discussion of selected topics in biology led by members of the staff. Required for graduation of all seniors majoring in biology or biology-chemistry group sequence. Open for attendance without credit to all other interested students with permission of the staff. Juniors majoring in Biology are expected to attend all sessions.

38. Genetics 3 hours

A study of the general principles of heredity and the operation of hereditary factors in the origin and development of species and of individual traits. Special emphasis is placed on human heredity and the analysis of family pedigrees.

Prerequisite: Biology 1 or 2.

39. Embryology 4 hours

Laboratory study of the developmental anatomy of frog, chick, and pig embryos. Lecture emphasis is placed on an analysis of the processes of development and a study of elementary experimental embryology. Two lectures and two two-hour laboratory periods each week.

Prerequisite: Biology 32.

40. Animal Histology 4 hours

A microscopic study of normal vertebrate tissues and organs, with special reference to human tissues. Two lectures and two two-hour laboratory periods each week.

Prerequisites: Biology 32 and Chemistry 2.

41. Invertebrate Zoology 4 hours

A study of the characteristics and relationships of representative species of invertebrates with reference to classification. This course includes some field work in ecological study, collection of specimens, their identification and preparation for laboratory and museum display. Primarily intended as a background for teaching biology. Three lectures and one three-hour laboratory period each week.

Prerequisite: Biology 1.

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42. History of Biology 2 hours

A survey of the development of the science of biology. Particular attention is given to the interplay of philosophy and science and to the development of the conceptual framework of biology. Required readings and papers. Discussions and conferences with staff and with related departments.

43-44. Microbiology 8 hours

A study of bacterial structure, life activities, classification; the principles of immunology, mycology, parasitology, and virology. Laboratory methods of culture, isolation, and identification of various organisms, particularly enteric forms; water, milk, soil, and food bacteriology. Two lectures and two two-hour laboratory periods each week.

Prerequisites: Biology 2 and Chemistry 2.

45. Vertebrate Physiology 4 hours

A study of vertebrate physiology with special reference to human functions. Designed primarily for pre-medical students and others whose field of concentration is biology. Selected laboratory experiments. Two lectures and two two-hour laboratory periods each week.

Prerequisites: Biology 1 and Chemistry 2.

47. General Physiology 4 hours

The physiological processes at the organismic level are analyzed and correlated with the simpler manifestations at the cell level. Among the topics discussed are the structure and composition of cells, reactions of organisms to the environment, adjustment and maintenance of the internal environment, energy sources and utilization of energy for movement, production of electricity. Two lectures and two two-hour laboratory periods each week.

51. Honors Seminar in Biology 3 hours

DEPARTMENT OF BUSINESS ADMINISTRATION

The courses in business administration have been designed to provide the knowledge required for positions in business. Their aim is to combine specific preparation with a background in general education, which, with experience, should enable one to assume positions of higher responsibility more rapidly and competently. During the freshman and sophomore years, the course of studies is general in character. During the junior and senior years, areas of concentration are provided in finance, management, and marketing.

The requirements for a major sequence in **Finance** are twenty-four hours in upper-level course composed of the following: B.A. 33, 36, 38, 40, 43, 47 and Economics 35, 40, and 46. The requirements for a major sequence in **Management** are twenty-four hours in upper-level courses composed of the following: B.A. 31, 32, 35, 36, 37, 38, 41, 42. The requirements for a major sequence in **Marketing** are twenty-four hours in the following upper-level course: B.A. 34, 36, 38, 41, ~~44~~, ³⁹~~45~~, ~~48~~, 49, 50. Students who major in other departments but who wish to minor in business administration must take core courses B.A. 36 and B.A. 38 as part of their twelve hours in upper level business administration courses. On the lower level, majors in Business Administration must show credit in Business Administration 21-22; Accounting 13-14, and Economics 21-22; on the upper-level, Economics 49 is required also of all Catholic students.

**Required Program of Courses for the B.S. Degree with Finance,
Management, or Marketing as Major Sequence.**

FRESHMAN YEAR

	Semester	Hours	
Biology 5 -----		3	Principles of Biology
Business Administration 21 -----	3		Principles of Marketing
English 3-4 -----	3	3	Rhetoric and Composition
History 11-12 -----	3	3	Development of Western Institutions
Humanities 25, 27 -----	2	2	Music Art Forms; Art: History & Appreciation
Mathematics 5 -----		3	General Mathematics
Philosophy 12 -----	3		Logic
Religion 11 -----		3	The Sacred Liturgy
Science Requirement -----	2		Chemistry 5; or Geology 5; or Physics 5; or Physics 7
	—	—	
	16 17		

SOPHOMORE YEAR

Accounting 13-14 -----	3	3	Introductory Accounting
Business 23-24 -----	3	3	Business Law
Business 22 -----		3	Principles of Management
Economics 21-22 -----	3	3	Principles of Economics
Humanities 23-24 -----	2	2	World Literature
Philosophy 21 -----		3	Philosophy of Man
Religion 21 -----		3	Christ in the Scriptures
Speech 15 -----	2		Fundamentals of Speech
	—	—	
	16 17		

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Major Sequence in Finance

JUNIOR YEAR			
Business 36, 43 -----	3	3	Corporation Finance; Investments
Business 33, 40 -----	2	2	Budgeting; Financial Statement
Business 32 -----	3		Personnel Management
Economics 35 -----	3		Money and Banking
Economics 49 -----	3		Catholic Social Teaching
Philosophy 31 -----	3		Metaphysics
Religion 31 -----	3		God and Creation
Science Requirement -----	2		Chemistry 5; or Geology 5; or Physics 5; or Physics 7
Electives or Minor Sequence ----	3	3	
	—	—	
	17	17	
SENIOR YEAR			
Business 41 -----	3		Managerial Decision-Making
Business 37 -----	3		Government and Business
Business 38 -----	3		Business Statistics
Business 47 -----	3		Problems of Financial Management
Economics 40 -----	3		Public Finance
Economics 46 -----	3		Business Cycles
Business 51 -----	3		Honors Seminar
Philosophy, upper level -----	3		
Religion 43, 44 -----	3	3	Christian Morality; Christology
Electives or Minor Sequence ----	3	3	
	—	—	
	18	18	

Major Sequence in Management

JUNIOR YEAR			
Business 31, 32 -----	3	3	Industrial Management; Personnel Management
Business 33, 40 -----	2	2	Budgeting; Financial Statement Analysis
Business 36, 43 -----	3	3	Corporation Finance; Investments
Economics 49 -----	3		Catholic Social Teaching
Philosophy 31 -----	3		Metaphysics
Science Requirement -----	2		Chemistry 5; or Geology 5; or Physics 5; or Physics 7
Electives or Minor Sequence ----	3	3	
Religion 31 -----	3		God and Creation
	—	—	
	17	17	
SENIOR YEAR			
Business 41, 42 -----	3	3	Managerial Decision-Making; Seminar in Business Policy
Business 35 -----	3		Institutional Management
Business 37 -----	3		Government and Business
Business 38 -----	3		Business Statistics
Business 51 -----	3		Honors Seminar
Philosophy, upper level -----	3		
Religion 43, 44 -----	3	3	Christian Morality; Christology
Electives or Minor Sequence ----	3	3	
	—	—	
	18	15	

Major Sequence in Marketing
JUNIOR YEAR

Business 34, 44 -----	3	3	Sales Management; Retailing Organization and Operation
Business 48 -----		3	Advertising Theory and Practice
Business 36, 43 -----	3	3	Corporation Finance; Investments
Business 38 -----	3		Business Statistics
Philosophy 31 -----	3		Metaphysics
Economics 49 -----		3	Catholic Social Teaching
Religion 31 -----		3	God and Creation
Science Requirement -----	2		Chemistry 5; or Geology 5; or Physics 5; or Physics 7
Electives or Minor Sequence -----	3	3	
	—	—	
	18	18	

SENIOR YEAR

Business 49, 50 -----	3	3	Marketing Research; Marketing Management
Business 41, 42 -----	3	3	Managerial Decision-Making; Seminar in Business Policy
Business 31 -----	3		Industrial Management
Business 51 -----		3	Honors Seminar
Philosophy, upper level -----	3		
Religion 43, 44 -----	3	3	Christian Morality; Christology
Electives or Minor Sequence -----	3	3	
	—	—	
	18	15	

COURSES IN BUSINESS ADMINISTRATION
13-14. Introductory Accounting 6 hours

A basic course in accounting designed for those students who are neither majoring nor minoring in accounting, but who realize the need of accounting information for their future careers. The functions of the Income Statement and the Balance Sheet are adequately investigated.

21. Principles of Marketing 3 hours

A study of the structure and process of marketing with emphasis upon the manner in which marketing distributes economic resources and stimulates demand. Consumer, industrial and government markets are analyzed and the resources of the economy are reviewed from the standpoint of the marketing problems they present. The organization of marketing is described with special attention devoted to channels of distribution and the various types of retailers and wholesalers. Descriptive cases and commodity analyses are used throughout the course.

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22. Principles of Management 3 hours

The purpose of this course is to present a carefully organized system of concepts by which the basic meaning and the universal principles of management can be grasped. This course is limited to a treatment of that body of fundamental principles which underlies all management regardless of type or size of business. A study of the structure of industry in the U.S., the objectives and means of a business enterprise, the functions of business, the environment of a business, the purpose and methods of management, administrative decision-making and the functions of management.

23-24. Business Law 6 hours

This course is designed to acquaint the student with those phases of law most frequently met in business. The selected areas of study include contracts, negotiable instruments, agency, sales, partnerships, corporations, property, and torts.

Prerequisite: B.A. 23 must precede B.A. 24.

31. Industrial Management 3 hours

The purpose of this course is to present a framework of principles, methods, procedures, and techniques of factory management, and to develop the student's ability to make sound managerial decisions, especially at the operational level. By means of selected case problems, emphasis will be placed upon the following topics: research, development, and engineering; manufacturing processes; the management of physical property; motion and time study; production planning and control; operations research; quality control; and cost control.

Prerequisite: B.A. 22.

32. Personnel Management 3 hours

An analysis of the personnel function in the management of business enterprises. Problems in selection, placement, compensation, training, and maintenance of work teams in different types of business enterprise will be considered. Emphasis will be placed on both the functions of the personnel manager and the individual line managers and supervisors.

Prerequisite: B.A. 22.

33. Budgeting 2 hours

A study of budgetary direction and control as applied to a business enterprise. The construction of budgets, estimating income and expenses, profit planning and budgeting, controlling expenses, breakeven analysis, measuring operating efficiency, and enforcing budgets are developed.

Prerequisites: Accounting 13-14, B.A. 22.

34. Sales Management 3 hours

A study of the managerial functions of the sales manager, with particular reference to problems involved in investigations of marketing, planning the sales effort, managements of sales and service personnel, and control of the sales operations. The preliminary part of the course is devoted to a study of the principles and techniques of personal selling. This involves examination of the various aspects of selling such as: development of psychological rapport with prospects, organization of prospecting activities, analysis of public relations problems.

Prerequisite: B.A. 21.

35. Institutional Management 3 hours

A course which deals with the management problems and practices of that important segment of the economy known as the "non-profit" organization. Consideration will be given to such organizations as hospitals, educational institutions, public corporations, eleemosynary institutions, and associations of various forms.

Prerequisite: B.A. 22.

36. Corporation Finance 3 hours

The financial problems involved in organizing and managing a business. Includes a study of the financial aspects of promotion, securing capital through the issuance of securities, capitalization, dividend policies, financial analysis, current financing, receivership, consolidation, bankruptcy, reorganization and related issues.

Prerequisite: Ac 13-14.

37. Government and Business 3 hours

A study of the foundations for government intervention in business and the activities in which it currently engages in relation to business, with emphasis on federal legislation as this applies to social security, labor relations, and the maintenance of competition.

(Same as Economics 37.)

38. Business Statistics 3 hours

An introduction to the elements of statistical analysis, including the collecting, classifying, interpreting, and presenting of numerical data, with emphasis on their use in business.

(Same as Economics 38.)

Prerequisite: Math. 5.

39. Retailing Organization and Operation 3 hours

This is a basic survey course which includes an analysis of the opportunities, development and present status of the retailing industry.

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Course content includes: Methods of store management, principles of store location, organization for control of merchandise, devices for improvement of store services, control of store expenditures, and co-ordination of credit, sales and other marketing activities.

Prerequisite: B.A. 21.

40. Financial Statement Analysis 2 hours

An analysis and interpretation of financial statements. The background of analysis; analysis of small business enterprises; the internal analysis of balance sheets and profit and loss statements; analysis of surplus.

Prerequisite: Ac 13-14; B.A. 22.

41. Managerial Decision-Making 3 hours

A course designed to present an organized and integrated approach to the managerial decision-making process. Emphasis will be placed on the following topics: the nature of the decision-making process; the stages of decision-making; the use of premises in decision-making; decision and implication; validating forms for decision-making: planning and decision-making; organizing for effective decision-making; controlling and decision-making; and the implementation of decisions. Problems will be presented to give students practice and guidance in arriving at valid decisions.

Prerequisite: B.A. 22.

42. Seminar in Business Policy 3 hours

This course is designed to give students practice in policy-making thereby enhancing their ability to identify, analyze, interpret and evaluate business policies, especially those of large corporations. Through the study of actual business situations, the student will learn to diagnose a company's problems and to consider the various factors influencing managerial policy decisions. Cases are selected from a variety of industries to emphasize the universality of management problems and to give the student a facility for solving problems wherever they may develop. An attempt will be made to focus previously gained knowledge of accounting, business administration and economics upon such matters as organizational, administrative, procurement, production, sales, labor, financial, and expansion policies.

Prerequisite: B.A. 22, 41.

43. Investments 3 hours

This course is designed to familiarize the student with the various stock, bond, real estate, and other investment markets. Includes treatment of investment objectives, investment institutions, sources of information, media of investment, analysis of risk, and

the formulation of appropriate investment policies for individuals and institutions.

45. Advertising: Principles and Procedures 3 hours

A study of the role of advertising in the marketing structure and as a marketing tool of the individual firm. Consideration is given to the character of demand as seen by the individual firm and the opportunities for modifying it through the use of advertising. Content of the course includes an analysis of buying motives, social forces involved in consumer behavior, measurement of the market potential, determination of proper advertising budgets, media allocations, and the devices used to measure the effectiveness of advertising campaigns.

Prerequisite: B.A. 21.

47. Problems of Financial Management 3 hours

This course presents a series of comprehensive financial problems by which it is intended to perfect the student's ability to utilize the methods and techniques of financial analysis and management acquired in previous courses.

Prerequisites: B.A. 22, 36.

49. Marketing Research 3 hours

The use of scientific method by business in gathering and utilizing marketing data in the efficient selling of merchandise. An analysis of advertising selling and price and product problems that market research may assist in solving; research methods and techniques; analysis and interpretation of typical marketing data; questionnaire building and methods of sampling; a survey of problems that a division of marketing is likely to face; analysis of markets through company records, published sources and original investigation.

Prerequisite: B.A. 21.

50. Marketing Management 3 hours

A study of the marketing problems of the firm approached from a management point of view. Emphasis is placed on the development of the student's ability to analyze marketing situations, identify problems, determine solutions, implement corrective action, and plan strategy. The student learns how the marketing management functions of merchandising, channel selection, determination of brand policy and price policy, sales promotion, advertising and personal selling integrate to produce an effective marketing program.

Prerequisite: B.A. 21.

51. Honors Seminar in Business Administration. 3 hours

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DEPARTMENT OF CHEMISTRY

The courses in the Department of Chemistry are designed to help the student: 1. To understand and appreciate, by means of basic courses, the principles of chemistry. 2. By means of carefully supervised laboratory work and by an introduction to the literature of the field: a) to observe carefully and accurately natural phenomena. b) to realize and appreciate the problem of the application of the theoretical principles to actual experimental work. 3. By a study of the literature and by means of a minor research problem to initiate the development of the skills and attitudes requisite for research in the field of chemistry. 4. To meet the basic requirements in chemistry for entrance into graduate school, medical school, or industrial chemistry.

The minimum requirement for a major sequence in chemistry is twenty-four semester hours on the upper level, including courses inorganic, quantitative analysis, and physical chemistry. For a minor sequence twelve semester hours in upper-level courses, including Chemistry 33, are required.

The following are prerequisite for upper-level courses, or requisite for graduation: Chemistry 13, 14, 38, and either 49 or 51. It is further necessary for a student majoring in chemistry to show credit in Mathematics 11.1-12.2 and in Physics 21-22. Two years of college German, or the equivalent, must be completed.

Unless otherwise noted, laboratory periods are three-hour periods. Laboratory fees: Chemistry 11, 12, 13, 14, 45, and 46, each \$7.50. Chemistry 31, 32, 33, 34, 42, and 51, each \$10.00. Chemistry 49 and 50, each \$5.00.

COURSES IN CHEMISTRY

5. Principles of Chemistry 2 hours

A terminal course for non-Science majors and minors. A basic study is made of the viewpoint of the Chemist in his study of the physical world. This course presents the fundamental concepts on the composition of material substances, the forces responsible for chemical changes occurring in substances, and the relationship between chemical change and the energy changes which accompany them.

11. General Chemistry 4 hours

An introduction to the field of chemistry, the course stresses the atomic theory and general chemical laws and theories governing gases, liquids, solids, and solutions. The work in the laboratory consists of experiments involving inorganic reactions. Three lectures and one laboratory period each week.

**Suggested Program of Courses for the B.A. or B.S. Degree
with Chemistry as Major**

FRESHMAN YEAR

	Semester		
	Hours		
Chemistry 13, 14 -----	5 5	General Chemistry and Qualitative Analysis*	
English 3-4 -----	3 3	Rhetoric and Composition	
Mathematics 11, 12, 13, 14 -----	6 6	College Mathematics*	
Philosophy 12 -----	3	Logic	
Religion 11 -----	3	The Sacred Liturgy	
	— —		
	17 17		

SOPHOMORE YEAR

Chemistry 31-32 -----	4 4	Organic Chemistry
German 1-2 -----	3 3	Introductory German*
History 11-12 -----	3 3	Development of Western Institutions
Humanities 23-24 -----	2 2	World Literature
Philosophy 21 -----	3	Philosophy of Man
Religion 21 -----	3	Christ in the Scriptures
Social Science -----	3	Required Elective
Speech 15 -----	2	Fundamentals of Speech
	— —	
	17 18	

JUNIOR YEAR

Chemistry 33, 34 -----	4 4	Quantitative; Adv. Quantitative Analysis
Chemistry 37, 38 -----	1 1	Literature of Chemistry; Pro-Seminar*
German 21, 26 -----	3 3	Intermediate;* Scientific German*
Minor Sequence -----	3 3	
Philosophy 31 -----	3	Metaphysics
Physics 21-22 -----	4 4	College Physics*
Religion 31 -----	3	God and Creation
	— —	
	18 18	

SENIOR YEAR

Chemistry 39; 42, 40 -----	2 4	Advanced Organic; Biochemistry
Chemistry 45-46 -----	4 4	Physical Chemistry
Chemistry 49-50; or 51 -----	1 1	Research in Chemistry*
Humanities 27, 25 -----	2 2	Art: History and Appreciation; Music Art Forms
Minor Sequence -----	3 3	
Philosophy, upper-level -----	3	Required Elective
Religion 43, 44 -----	3 3	Christian Morality; Christology
	— —	
	18 17	

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12. Inorganic Chemistry and Qualitative Analysis 4 hours

A continuation of Chemistry 1, with emphasis on inorganic substances. The elements are studied individually and as members of related groups with the view of appreciating the relationships among all substances in nature. The laboratory work consists of qualitative analysis using a semi-micro technique for representative ions in the inorganic field. Three lectures and one laboratory period each week.

Prerequisite: Chemistry 11.

13-14. General Chemistry and Qualitative Analysis 10 hours

A more complete course in the fundamental principles of the science for Chemistry majors and for students preparing to enter Chemical Engineering or Metallurgy. The course stresses the theory involved in chemical activity. The laboratory work in the second semester is devoted to the qualitative analysis of representative cations and anions. Four lectures and one laboratory period each week.

Prerequisite: Chemistry 13.

31-32. Organic Chemistry 8 hours

A study of the structure, reactions, and properties of the aliphatic and aromatic carbon compounds. The applications of organic chemistry in industry and medicine are emphasized. In the laboratory the important methods and techniques are stressed. The material presented in the lectures is illustrated by the preparation and identification of typical compounds. Three lectures and one laboratory period each week.

Prerequisite: Chemistry 11-12, or 13-14.

33. Quantitative Analysis 4 hours

A study of the theoretical principles upon which analytical methods are based and an explanation and application of the calculations involved. In the laboratory the standard volumetric and gravimetric procedures are used. Two lectures and two laboratory periods each week.

Prerequisites: Chemistry 11-12 or 13-14.

34. Advanced Quantitative Analysis 4 hours

An advanced study of quantitative analysis. The laboratory work includes calibration of weights and volumetric apparatus, analysis of ores, ferrous and non-ferrous alloys. Some use is made of instrument analysis. Two lectures and two laboratory periods each week.

Prerequisite: Chemistry 33.

35. Advanced Inorganic Chemistry 2 hours

An introduction to the quantum theory and an application of quantum restrictions to chemical phenomena. This is followed by a treatment on photo energy and a discussion of the periodic classification of the elements and the arrangement of the periodic chart.

Prerequisites: Chemistry 11-12 or 13-14.

36. Elementary Physical Chemistry 4 hours

A course intended primarily for students who lack the mathematical preparation for the more extensive course, Chemistry 45-46. The principles of physical chemistry are treated from a descriptive viewpoint with emphasis on solutions, colloids, and physical structure. This course may not be counted toward a major in chemistry. Three lectures and one laboratory period each week.

Prerequisites: Chemistry 11-12 or 13-14 and 33, and Physics 21-22, or 23-24.

37. Literature of Chemistry 1 hour

The purpose of the course is to acquaint the student with the literature of the field. Weekly library reports based on the study of periodicals and reference works are required.

38. Pro-seminar in Chemistry 1 hour

The purpose of the course is to acquaint students majoring in chemistry with library research. Students are also introduced to the norms and procedures for writing a research report.

Prerequisite: Chemistry 37.

39. Advanced Organic Chemistry 2 hours

A continuation of Chemistry 32, the course deals with reaction mechanisms. Class discussions, requiring extensive use of the library facilities, on advanced organic reactions and laboratory procedures are held. Two lectures each week. (Offered in 1960-61.)

Prerequisite: Chemistry 31-32.

42. Biochemistry 4 hours

A study of the composition of organisms, of the food materials required by them, and the chemical changes attending the transformation of these food materials into the substances composing these organisms. Three lectures and one laboratory period each week.

Prerequisite: Chemistry 31-32.

45-46. Physical Chemistry 8 hours

A fundamental course based on the principles of physical

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chemistry. The role of energy in chemical reactions is treated both from the descriptive and the analytical viewpoints. Three lectures and one laboratory period each week.

Prerequisites: Chemistry 11-12 or 13-14 and 33, Mathematics 11.1-12.2 and Physics 21-22.

49-50. Research in Chemistry 2 hours

Early in the first semester, topics for research problems are chosen. Throughout the year, library research is pursued. Progress reports are made and discussed.

Prerequisites: A reading knowledge of German, Chemistry 37 and 38.

51. Honors Seminar in Chemistry 3 hours

An alternate course for Chemistry 49-50, open to students who have made a B average in the chemistry courses of the junior year.

Prerequisites: A reading knowledge of German, Chemistry 37 and 38.

DEPARTMENT OF ECONOMICS

The program in Economics has the following objectives: 1. To enable the student to gain a basic understanding of our economic system, to provide a field of concentration for those students who wish to pursue economics as their major study, and to offer those courses which are appropriately a part of the preparation for the study of business, government, journalism, and law. 2. To provide the requisite training for the teaching of economics in high schools, for the pursuit of graduate courses in economics, and for entrance into graduate schools of business.

The requirement for a major sequence is twenty-four hours in upper-level courses, including Economics 38, 41 and 42; (for seniors of June, 1961). Related courses highly recommended include Politics 21 and 22, and History 38. Students expecting to pursue graduate courses in economics are advised to show twelve hours of credit in foreign language, either French or German. The requirement for a minor sequence is twelve hours in upper-level courses.

All students majoring in Economics are required to take Accounting 13-14 or 21-22 (Seniors of 1962); Catholic students are also required to take Economics 49.

Economics 21-22 is prerequisite for all upper-level courses.

COURSES IN ECONOMICS

21-22. Principles of Economics 6 hours

A study of the principles and problems connected with the production, exchange, and consumption of wealth, the level and fluctuation of national income and employment, and the economics of growth. Different types of economic systems are compared and evaluated.

28. Elements of Economics 3 hours

A one semester exploration of economic principles, problems and policies with special attention given to the streams of economic thought from Smith through Keynes. (Open only to Xavier students)

35. Money and Banking 3 hours

A study of the theory of money, monetary standards, banking principles, and monetary theory with special emphasis on the financial institutions of the United States.

37. Government and Business 3 hours

A study of the foundations for government intervention in business and the activities in which it currently engages in relation to business, with emphasis on federal legislation as this applies to social security, labor relations, and the maintenance of competition. (Same as Business 37.)

38. Business Statistics 3 hours

An introduction to the elements of statistical analysis, including the collecting, classifying, interpreting, and presenting of numerical data, with emphasis on their use in business. (Same as Business 38.)
Suggested Program of Courses for the B.A. Degree with Economics

40. Public Finance 3 hours

A study of the principles of finance in government. Topics to be considered will include public revenues and expenditures, taxation, public debt, governmental budgeting, and fiscal policy. (Same as Politics 40).

41. Advanced Income Analysis 3 hours

An intensive study of national income accounting and the theory of national income determination with special emphasis on the policy implications of the analysis.

42. Advanced Price Analysis 3 hours

An intensive study of the theory of price in both the output and input markets with special emphasis on the application of modern tools of analysis to concrete business and public problems.

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as Major Sequence

FRESHMAN YEAR

	Semester	Hours	
Biology 5 -----	3	Principles of Biology	
English 3-4 -----	3	Rhetoric and Composition	
History 11-12 -----	3	Development of Western Institutions	
Humanities 25, 27 -----	2	Music Art Forms; Art: History and Appreciation	
Mathematics 5 -----	3	General Mathematics	
Philosophy 12, 21 -----	3	Logic; Philosophy of Man	
Religion 11 -----	3	The Sacred Liturgy	
Science requirement -----	2	Chemistry 5; Geology 5; or Physics 5 and Physics 7	
	— —		
	16 17		

SOPHOMORE YEAR

Accounting 13-14 -----	3	Introductory Accounting	
Economics 21-22 -----	3	Principles of Economics	
Humanities 23-24 -----	2	World Literature	
Religion 21 -----	3	Christ in the Scriptures	
Science requirement -----	2	Chemistry 5, Geology 5; or Physics 5 and Physics 7	
Speech 15 -----	2	Fundamentals of Speech	
Electives -----	6	Recommended: Foreign Language; Amer- ican Government	
	— —		
	16 16		

JUNIOR YEAR

Business 39, 36 -----	3	Marketing; Corporation Finance	
Economics 38 -----	3	Business Statistics	
Economics 35 -----	3	Money and Banking	
Economics 41, 42 -----	3	Advanced Income; Advanced Price An- alysis	
Minor Sequence -----	3	3	
Philosophy 31 -----	3	Metaphysics	
Religion 31 -----	3	God and Creation	
Electives -----	3	3	
	— —		
	18 18		

SENIOR YEAR

Economics 37 -----	3	Government and Business	
Economics 48 -----	3	International Economics	
Economics 43-44 -----	3	Labor Problems and Legislation	
Economics 46 -----	3	Business Cycles	
Economics 49 -----	3	Catholic Social Teaching	
Economics 51 -----	3	Honors Seminar	
Minor Sequence -----	3	3	
Philosophy, upper level -----	3		
Religion 43, 44 -----	3	Christian Morality; Christology	
	— —		
	18 18		

43-44. Labor Problems and Legislation 6 hours

A study of the issues involved in labor economics, with emphasis on the role that employers, unions, and the government may play in their solution. The first semester concentrates on the size and composition of the Labor force, the history of the labor movement, and the issues involved in collective bargaining; the second, on wages and hours, unemployment, and social security.

46. Business Cycles 3 hours

In this course are discussed the different types of business fluctuations, the theories which have been advanced in explanation of them, and the measures which have been proposed for their control.

48. International Economics 3 hours

A study of the underlying basis of international trade, balance of payments adjustments, and the methods of international payments, together with an examination of the foreign trade position, the tariff policies, and the commercial agreements of the United States. (Offered in 1959-60.)

49. Catholic Social Teaching and Economic Policy 3 hours

Recognizing the importance of basic principles in Catholic teaching, this course aims to set forth a systematical statement of the principles of the State, Family, and of Economic Life.

51. Honors Seminar in Economics 3 hours

DEPARTMENT OF EDUCATION

The Department of Education is designed to offer the student a knowledge of education in its theoretical and practical phases. Courses in the history and philosophy of education present the student the means of employing the best of mankind's thought in the betterment of today's schools. Other courses are offered with the express purpose of acquainting the student with the professional skills and competencies that will be needed in the exercise of teaching duties.

State requirements for licenses and certificates vary, but in general all states call for these basic requirements: (1) a four-year curriculum leading to the Bachelor's degree. (2) Academic credit in major and minor areas; or, in the case of elementary teachers, adherence to a specified curriculum. (3) Professional courses in education. (4) A recommendation by the Director of student teaching and License Adviser.

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Elementary School Training at St. Joseph's College: St. Josephs College has been authorized by the State of Indiana to train both elementary and secondary teachers. The program on page 85 has been worked out to comply with the requirements of the State of Indiana. All students who intend to qualify for elementary teaching in this state must follow the program as indicated. Students who intend to qualify for a state other than Indiana should consult their License Adviser. The Elementary program for Indiana is a special unit and the college requirements concerning major and minor sequences have been waived.

Secondary School Teaching: In general, a student who is preparing to teach in high school should major in the subject area which he intends to teach. However, in those cases where departmental requirements will not allow of sufficient electives to complete the required number of hours in professional education, a student may major in education by completing twenty-four upper-level hours selected from the offerings of the department. The professional requirements vary from state to state but generally between 16 and 20 hours of professional work are required.

Saint Joseph's College is authorized by the state of Indiana to offer teacher training in the following areas: (a) Language Arts; (b) Foreign language (with English); (c) Social Studies; (d) Biological Science; (e) Physical Science & Mathematics; (f) Mathematics; (g) General Science; (h) Health and Physical Education.

In addition to the above areas, each student may elect one of the following minor areas; (aa) English; (bb) Foreign Language; (cc) History; (dd) Social Studies; (ee) Biology; (ff) Physics; (gg) Chemistry; (hh) General Science; (ii) Mathematics; (jj) General Business; (kk) Retail selling; (ll) Health and Safety Education; (mm) Physical Education; (nn) Recreation.

Students who wish to qualify for a state other than Indiana should work out their program with their License Adviser. In general the requirements for the neighboring states are as follows:

Illinois: 16 hours in professional education are required. In addition the student must present a teaching major of 32 hours and a teaching minor of 16 hours.

Michigan: 20 semester hours of professional education are required; in addition the student must present a teaching major of 24 semester hours and two teaching minors of 15 hours each.

Ohio: 17 semester hours in professional education are required and teaching fields as designed on the application blank.

**Curriculum For The Preparation
of Indiana Elementary Teachers**

FRESHMAN YEAR

	Semester	Hours	
English 3-4 -----	3	3	Rhetoric and Composition
History 11-12 -----	3	3	Development of Western Institutions
Humanities 27, 25 -----	2	2	Art: History and Appreciation; Music Art Forms
Religion 11 -----	3		The Sacred Liturgy
Philosophy 12 -----	3		Logic
Social Studies 21 -----	3		World Geography
Politics 22 -----	3		American Government
Biology 25 -----	3		Personal and Community Health
Philosophy 21 -----	3		Philosophy of Man
	—	—	
	17	17	

SOPHOMORE YEAR

Geology 11 -----	4	Physical Geology
Mathematics 5-11 -----	3	Algebraic Structure and Number Systems: College Math.
History 23-24 -----	3	American Civilization I-II
Religion 21 -----	3	Christ in the Scriptures
Education 41 -----	2	Child Psychology
Humanities 23-24 -----	2	World Literature
Education 30 -----	3	Educational Psychology
Speech 15 -----	2	Fundamentals of Speech
Physical Education 16 -----	2	First Aid and Safety
Elective -----	3	
	—	
	17	18

JUNIOR YEAR

Biology 11 -----	4	Introductory Zoology
Education 48.1; 48.2 -----	2	Language Arts, I-II
Education 34 -----	3	Philosophy of Education
Education 48.4 -----	2	Methods in Arithmetic
Philosophy 31 -----	3	Metaphysics
Philosophy 36 -----	3	Ethics
Speech 41 -----	3	Elements of Speech Improvement
Education 48.6 -----	3	Methods in Music
Religion 31 -----	3	God and Creation
Education 44 -----	1	Professional Laboratory Experience
Education 40 -----	2	Children's Literature
Elective -----	4	Science
	—	
	17	18

SENIOR YEAR

Education 48.3 -----	3	Methods in Natural and Social Science
Education 45 -----	6	Student Teaching
Physical Education 41 -----	2	Activities for Elementary Grade
Education 37 -----	3	Tests and Measurements
Education 47 -----	3	Arts Skills and Crafts
Elective -----	3	English
Elective -----	3	History
Elective -----	2	
Religion 43, 44 -----	3	Christian Morality; Christology
	—	

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COURSES IN EDUCATION

19. Principles of Secondary Education 3 hours

A presentation of the aims and functions of high school education; special problems of guidance proper to this stage in a student's development; the general program of studies and the contribution of individual subjects to the needs of secondary pupils. Catholic principles of education are stressed throughout the course.

30. Educational Psychology 3 hours

The course in educational psychology aims to give the student an understanding of the characteristics of human behavior and the factors which affect its development. Emphasis is placed on those basic facts and principles that are generally accepted by today's educators and that can be integrated into the student's own experience and made to function in his educational career.

Prerequisite: Philosophy 21. General Psychology.

32. General Methods 3 hours

This course deals with general principles of effective teaching in secondary schools. Topics for discussion include: selection and arrangement of subject matter; motivation and direction of learning activities; discipline; questioning, assignment and review procedure; problem-project teaching and socialized recitation; development of appreciation, attitudes and ideals.

33. History of Education 3 hours

An exposition of the development of school systems and educational practices. The reading assignments will include historical materials to illustrate the rise of new movement in education and biographical sketches of outstanding educational leaders.

34. Philosophy of Education 3 hours

A study of the philosophical principles underlying education as a social institution. The course aims to provide the student with a norm for estimating the relative values of educational theories and agencies which influence the work of the schools. (Offered in 1959-60.)

35. Elementary Statistics 3 hours

An elementary course in statistical analysis. Problems are taken from education and psychology and include the computation and interpretation of averages, measures of variability, coefficients of correlation and measures of reliability. (Offered in 1958-59.)

36. Elementary Curriculum 3 hours

A general introduction to the principles and trends in the various areas of the curriculum in the light of modern concepts of child development.

37. Educational Tests and Measurements 3 hours

Principles of test construction, types and characteristics of group tests, application of such tests to school problems and evaluation of results. Practice in taking and giving such tests in actual school situations. (Offered in 1959-60.)

38. Sociology of Education 3 hours

The school and the society. The function of the school as an agent of culture transfer. Detail of current analyses. Projects.

39. Counseling and Guidance 2 hours

Principles and techniques of personal counseling and of educational and vocational guidance of high school students. Attention is given to the use of appropriate tests, rating scales, interview techniques, organization of the guidance program, placement and follow-up services in the high school.

40. Children's Literature 2 hours

An overview of the field of children's literature and an intensive study of types at various levels. The place of poetry, folk tales, story telling and dramatics in elementary education.

41. Child Psychology 2 hours

A study of the psychological factors in child development from birth to adolescence; attention is given to intellectual, emotional, social, physical and religious development.

42. Adolescent Psychology 3 hours

A study of the nature of adolescents with special reference to their physical, mental, emotional, social, moral and religious problems and development.

43. Mental Hygiene 2 hours

A study of the psychological evidence upon which the point of view, principles and techniques of mental hygiene are based; the application of the findings to the educative process.

44. Professional Laboratory Experiences 1 hour

Laboratory and seminar course involving guided observation and participation in the activities of the elementary school.

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45. Student Teaching: Elementary School 6 hours

Students registered as student teachers will be present five days a week in the classroom to which they are assigned. Under the direction of the supervising teacher the student has full charge of the class when he teaches and is held responsible for the full control and management as well as the instruction.

46. Student Teaching: High School 5 hours

This course is required of all students working for a high school teacher's license. Students are required to observe classes in the local schools for thirty to thirty-five periods, and to record the results of their observations. Each student is also required to plan and teach from sixty to sixty-five periods under the supervision of an approved supervising teacher. Individual conferences and group meetings are held weekly with the Director of Teacher Training.

Prerequisite: Senior standing.

47. Art Skills and Crafts 3 hours

The fundamentals of drawing, pattern composition, essentials of lettering and posters are intertwined with the materials, processes and products of industry. The student is shown how to organize this knowledge for effective teaching at the elementary level.

48.1. Language Arts I 2 hours

This course covers the program of reading at the elementary level. It stresses the place and importance of reading in the elementary curriculum, reading-readiness, methods of approach, silent and oral reading, valuation, and remedial measures.

48.2. Language Arts II 2 hours

This course stresses the child's expressional abilities—written and oral expression—and includes grammar, spelling and handwriting. It considers instructional methods, standards of achievement, and corrective measures.

48.3. Methods in Natural and Social Science 3 hours

A survey of the materials and methods to be used in the developing of the social and natural sciences in the grades. Emphasis is given to the formulation of definite principles to use in the selection of suitable materials and evaluation in these fields.

48.4. Methods in Arithmetic 2 hours

A study of the techniques and methods of teaching arithmetic in the elementary school. Distribution of content according to grade levels; diagnosis of number difficulties; remedial instruction; testing.

48.6. Methods in Music 3 hours

Modern methods of presenting music to children in the elementary school. Discussion of such topics as rhythmic activity, singing, appreciation, and means of helping the less musically gifted child.

49. Special Methods: High School 2 hours

Professional academic courses are organized in each of the teaching fields described by the Comprehensive Areas. These courses deal with the particular aims, materials, and methods of the respective subjects as presented in the modern high school. Credit in Special Methods courses applies to the requirement in professional education, but may not be counted toward a major or a minor in the academic department to which the subject is related.

SPECIAL METHODS COURSES

49.LA. The Teaching of Language Arts in High School

For prospective teachers of English, speech, and journalism.

49.FL. The Teaching of Foreign Language in High School

For prospective teachers of German, French, Latin, and Spanish. Materials are adapted to individual needs.

49.SS. The Teaching of Social Studies in High School

For prospective teachers of history, geography, economics, political science, and general business.

49.Sc. The Teaching of Mathematics and Natural Science

For prospective teachers of mathematics, general science, biology, chemistry, and physics.

49.PE. The Teaching of Health and Physical Education

For prospective teachers of health, and high school athletics.

49.Mu. The Teaching of Music in High School

For prospective teachers of music.

51. Honors Seminar in Education 3 hours

ENGINEERING

FIVE-YEAR ENGINEERING PROGRAMS

The following programs enable students to combine a liberal arts course at Saint Joseph's College with education in Engineering at a University or Technical School. Under this plan, the student attends Saint Joseph's for three years* and then transfers to the Engineering School for the completion of advanced courses in a particular field of engineering. Formal agreements on this 3-2 program have been completed with the following: Marquette University; Purdue University; Rose Polytechnic Institute; Saint Louis University; University of Illinois; University of Notre Dame; however, students may transfer to any accredited engineering college.

Upon the successful completion of the requirements from Saint Joseph's, the candidate will receive the Bachelor of Arts degree, and, upon the successful completion of the five-year course, the Bachelor of Science in Engineering from the school to which he has transferred. The B.A. degree for Aeronautical, Civil, Electrical, Mechanical, and Metallurgical engineering is given in Mathematics-Physics; for Agriculture and Food Engineering, in Biology-Chemistry; for Chemical Engineering, in Chemistry; for Fire Protection and Safety, and for Industrial Engineering, in Economics.

Students in the 3-2 program are accepted at these engineering schools only on recommendation of the Dean's Committee on Engineering. They must submit a formal application for transfer to an engineering school in the fall semester of their junior year.

The 3-2 Engineering student is subject to all graduation requirements. In place of the Comprehensive Examination, however, he should plan to take the Graduate Record Examination (Area Tests in Humanities, Natural Science and Social Science and the Advanced Test in Engineering or Agriculture). This test can be taken at Saint Joseph's (consult College Calendar) or at an authorized testing center, but no earlier than the eighth semester of the Engineer's course of studies. His scores on the Graduate Record Examination will be submitted for approval to the Division of Natural Sciences.

* Some programs may require a summer session at the engineering college.

**Approved Sequence of Courses for the First Three Years of the
Aeronautical Engineering Program¹**

FRESHMAN YEAR

		Semester	
		Hours	
English 3-4 -----	3	3	Rhetoric and Composition
Humanities 27, 25 -----	2	2	Art: History and Appreciation; Music Art Forms
Mathematics 11, 12, 13, 14 -----	6	6	College Mathematics
Philosophy 12, 21 -----	3	3	Logic: Philosophy of Man
Religion 11, 21 -----	3	3	The Sacred Liturgy; Christ in the Scriptures
	—	—	
	17	17	

SOPHOMORE YEAR

Chemistry 11-12 -----	4	4	General Chemistry and Qualitative Analysis
Mathematics 31, 32 -----	3	3	Calculus II; Advanced Calculus
Humanities 23-24 -----	2	2	World Literature
Philosophy 31 -----	3		Metaphysics
Physics 23-24 -----	5	5	Engineering Physics
Religion 31 -----	3		God and Creation
	—	—	
	17	17	

JUNIOR YEAR

History 11-12 -----	3	3	Development of Western Institutions ²
Mathematics 9, 10 -----	3	3	Mechanical Drawing; Descriptive Geometry
Mathematics, elective -----	3		Elective from 33, 35, 37, 41
Mathematics 34 -----	3		Differential Equations
Philosophy, upper level -----	3		Required Elective
Physics 43, 44 -----	3	3	Statics; Dynamics
Religion 43, 44 -----	3	3	Christian Morality; Christology
Speech 15 -----	2		Fundamentals of Speech
	—	—	
	17	18	

¹ It may be helpful for students to know that the first three years of the Aeronautical, Civil, and Mechanical Program are the same.

² Students planning to attend Illinois Institute of Technology or Purdue choose Economics 21-22 instead of History 11-12.

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Approved Sequence of Courses for the First Three Years of a Combined Program in Agriculture

FRESHMAN YEAR

	Semester	
	Hours	
Biology 11-12 -----	4 4	Zoology; Botany
English 3-4 -----	3 3	Rhetoric and Composition
History 11-12 -----	3 3	Development of Western Institutions
Humanities 23-24 -----	2 2	World Literature
Mathematics 11, 12 -----	3 3	College Mathematics
Philosophy 12 -----	3	Logic
Religion 11 -----	3	The Sacred Liturgy
	— —	
	18 18	

SOPHOMORE YEAR

Chemistry 11, 12 -----	4 4	General Chemistry; Inorganic Chemistry and Qualitative Analysis
Humanities 27, 25 -----	4	Art: History and Appreciation; Music Art Forms
Mathematics 13, 14 -----	3 3	College Mathematics
Philosophy 21, 31 -----	3 3	Philosophy of Man; Metaphysics
Physics 21-22 -----	4 4	College Physics
Religion 21 -----	3	Christ in the Scriptures
	— —	
	18 17	

JUNIOR YEAR

Biology 43-44 -----	4 4	Microbiology
Chemistry 31-32 -----	4 4	Organic Chemistry
Economics 21 -----	3	Principles of Economics
Geology 11 -----	4	Physical Geology
Philosophy, upper level -----	3	
Religion 31, 30 -----	3 3	God and Creation; Christian Marriage
Speech 15 -----	2	Fundamentals of Speech
	— —	
	17 17	

**Approved Sequence of Courses for the First Three Years of
Chemical Engineering Program**

FRESHMAN YEAR

		Semester	Hours	
Chemistry 13-14 -----	5 5	General Chemistry and Qualitative Analysis		
English 3-4 -----	3 3	Rhetoric and Composition		
Humanities 27, 25 -----	2	Art: History and Appreciation; Music Art Forms		
Mathematics 11, 12, 13, 14 -----	6 6	College Mathematics		
Philosophy 12 -----	3	Logic		
Religion 11 -----	3	The Sacred Liturgy		
	— —			
	17 19			

SOPHOMORE YEAR

Chemistry 33 -----	4	Quantitative Analysis
Mathematics 31, 32 -----	3 3	Calculus II; Advanced Calculus
Philosophy 21, 31 -----	3 3	Philosophy of Man; Metaphysics
Physics 23-24 -----	5 5	Engineering Physics
Religion 21, 31 -----	3 3	Christ in the Scripture; God and Creation
Speech 15 -----	2	Fundamentals of Speech
	— —	
	18 16	

JUNIOR YEAR*

Chemistry 36 -----	4	Elementary Physical Chemistry
Chemistry 37, 38 -----	1 1	Literature of Chemistry; Pro-Seminar
History 11-12 -----	3 3	Development of Western Institutions
Humanities 23-24 -----	2 2	World Literature
Mathematics 9, 10 -----	3 3	Mechanical Drawing; Descriptive Geometry
Philosophy, upper level -----	3	Required Elective
Physics 43, 44 -----	3 3	Statics; Dynamics
Religion 43, 44 -----	3 3	Christian Morality; Christology
	— —	
	18 19	

* Students are to consult the Chairman of the Department of Chemistry before registering for their Junior Year.

94 SAINT JOSEPH'S COLLEGE

Approved Sequence of Courses for the First Three Years of the Civil Engineering Program¹

FRESHMAN YEAR

	Semester Hours	
English 3-4 -----	3 3	Rhetoric and Composition
Humanities 27, 25 -----	2 2	Art: History and Appreciation; Music Art Forms
Mathematics 11, 12, 13, 14 -----	6 6	College Mathematics
Philosophy 12, 21 -----	3 3	Logic; Philosophy of Man
Religion 11, 21 -----	3 3	The Sacred Liturgy; Christ in the Scriptures
	— —	
	17 17	

SOPHOMORE YEAR

Chemistry 11-12 -----	4 4	General Chemistry and Qualitative Analysis
Mathematics 31, 32 -----	3 3	Calculus II; Advanced Calculus
Humanities 23-24 -----	2 2	World Literature
Philosophy 31 -----	3	Metaphysics
Physics 23-24 -----	5 5	Engineering Physics
Religion 31 -----	3	God and Creation
	— —	
	17 17	

JUNIOR YEAR

Geology 11 -----	4	Physical Geology
History 11-12 -----	3 3	Development of Western Institutions ²
Mathematics 9, 10 -----	3 3	Mechanical Drawing; Descriptive Geometry
Mathematics 34 -----	3	Theory of Equations; Differential Equations
Philosophy, upper level -----	3	
Physics 43, 44 -----	3 3	Statics; Dynamics
Religion 43, 44 -----	3 3	Christian Morality; Christology
Speech 15 -----	2	Fundamentals of Speech
	— —	
	18 18	

¹ It may be helpful for students to know that the first three years of the Aeronautical, Civil, and Mechanical Program are the same.

² Students planning to attend Illinois Institute of Technology or Purdue choose Economics 21-22 instead of History 11-12.

**Approved Sequence of Courses for the First Three Years of the
Electrical Engineering Program**

FRESHMAN YEAR

		Semester	
		Hours	
English 3-4 -----	3 3	Rhetoric and Composition	
Humanities 27, 25 -----	2 2	Art: History and Appreciation; Music Art Forms	
Mathematics 11, 12, 13, 14 -----	6 6	College Mathematics	
Philosophy 12, 21 -----	3 3	Logic; Philosophy of Man	
Religion 11 -----	3 3	The Sacred Liturgy; Christ in the Scrip- tures	
	— —		
	17 17		

SOPHOMORE YEAR

Chemistry 11-12 -----	4 4	General Chemistry and Qualitative An- alysis
Mathematics 31, 32 -----	3 3	Calculus II; Advanced Calculus
Humanities 23-24 -----	2 2	World Literature
Philosophy 31 -----	3	Metaphysics
Physics 23-24 -----	5 5	Engineering Physics
Religion 31 -----	3	God and Creation
	— —	
	17 17	

JUNIOR YEAR

History 11-12 -----	3 3	Development of Western Institutions ¹
Mathematics 9, 10 -----	3 3	Mechanical Drawing; Descriptive Geom- etry
Mathematics 34 -----	3	Differential Equations
Philosophy, upper level -----	3	Required Elective
Physics 31 -----	3	Electric Circuits
Physics 43, 44 -----	3 3	Statics; Dynamic
Religion 43, 44 -----	3 3	Christian Morality; Christology
Speech 15 -----	2	Fundamentals of Speech
	— —	
	17 18	

¹ Students planning to attend Illinois Institute of Technology or Purdue choose Economics 21-22 instead of History 11-12.

96 SAINT JOSEPH'S COLLEGE

Approved Sequence of Courses for the First Three Years of the Industrial Engineering Program

FRESHMAN YEAR

	Semester		
	Hours		
Business 21, 22 -----	3 3	Principles of Marketing; Principle of Management	
English 3-4 -----	3 3	Rhetoric and Composition	
Mathematics 11, 12, 13, 14 -----	6 6	College Mathematics	
Philosophy 12, 21 -----	3 3	Logic; Philosophy of Man	
Religion 11, 21 -----	3 3	The Sacred Liturgy; Christ in the Scriptures	
	— —		
	18 18		

SOPHOMORE YEAR

Accounting 21-22 -----	3 3	Principles of Accounting	
Economics 21-22 -----	3 3	Principles of Economics	
Mathematics 31, 32 -----	3 3	Calculus II; Advanced Calculus	
Philosophy 31 -----	3	Metaphysics	
Physics 23-24 -----	5 5	Engineering Physics	
Religion 31 -----	3	God and Creation	
Humanities 25, 27 -----	2 2	Music Art Forms; Art: History and Appreciation	
	— —		
	19 19		

JUNIOR YEAR

Accounting 42 -----	3	Cost Accounting	
Economics 49 -----	3	Catholic Social Teaching	
Humanities 23-24 -----	2 2	World Literature	
Mathematics 9, 10 -----	3 3	Mechanical Drawing; Descriptive Geometry	
Philosophy, upper level -----	3	Required Elective	
Physics 43, 44 -----	3 3	Statics; Dynamics	
Religion, upper level -----	3 3	Christian Morality; Christology	
Speech 15 -----	2	Fundamentals of Speech	
	— —		
	16 17		

**Approved Sequence of Courses for the First Three Years of the
Mechanical Engineering Program¹**

FRESHMAN YEAR

		Semester	
		Hours	
English 3-4 -----	3 3	Rhetoric and Composition	
Humanities 27, 25 -----	2 2	Art: History and Appreciation; Music Art Forms	
Mathematics 11, 12, 13, 14 -----	6 6	College Mathematics	
Philosophy 12, 21 -----	3 3	Logic: Philosophy of Man	
Religion 11, 21 -----	3 3	The Sacred Liturgy; Christ in the Scriptures	
	— —		
	17 17		

SOPHOMORE YEAR

Chemistry 11-12 -----	4 4	General Chemistry and Qualitative Analysis
Mathematics 31, 32 -----	3 3	Calculus II; Advanced Calculus
Humanities 23-24 -----	2 2	World Literature
Philosophy 31 -----	3	Metaphysics
Physics 23-24 -----	5 5	Engineering Physics
Religion 31 -----	3	God and Creation
	— —	
	17 17	

JUNIOR YEAR

History 11-12 -----	3 3	Development of Western Institutions ²
Mathematics 9, 10 -----	3 3	Mechanical Drawing; Descriptive Geometry
Mathematics 34 -----	3	Theory of Equations; Differential Equations
Philosophy, upper level -----	3	
Physics 43, 44 -----	3 3	Statics; Dynamics
Religion 43, 44 -----	3 3	Christian Morality; Christology
Physics, elective -----	3	
Speech 15 -----	2	Fundamentals of Speech
	— —	
	18 18	

1 It may be helpful for students to know that the first three years of the Aeronautical, Civil, and Mechanical Program are the same.

2 Students planning to attend Illinois Institute of Technology or Purdue choose Economics 21-22 instead of History 11-12.

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Approved Sequence of Courses for the First Three Years of the Metallurgical Engineering Program

FRESHMAN YEAR

	Semester		
	Hours		
Chemistry 13, 14 -----	5	5	General Chemistry; Qualitative Analysis
English 3-4 -----	3	3	Rhetoric and Composition
Humanities 25 -----		2	Music Art Forms
Mathematics 11, 12, 13, 14 -----	6	6	College Mathematics
Philosophy 12 -----		3	Logic
Religion 11 -----	3		The Sacred Liturgy
	—	—	
	17	19	

SOPHOMORE YEAR

Chemistry 33 -----	4	Quantitative Analysis
Humanities 27 -----	2	Art History and Appreciation
Mathematics 31, 32 -----	3	Calculus II; Advanced Calculus
Philosophy 21, 31 -----	3	Philosophy of Man; Metaphysics
Physics 23-24 -----	5	Engineering Physics
Religion 21, 31 -----	3	Christ in the Scripture; God and Creation
Speech 15 -----	2	Fundamentals of Speech
	—	—
	18	18

JUNIOR YEAR*

Chemistry 36 -----	4	Elementary Physical Chemistry
Chemistry 37, 38 -----	1	Literature of Chemistry; Pro-Seminar
History 11-12 -----	3	Development of Western Institutions
Humanities 23-24 -----	2	World Literature
Mathematics 9, 10 -----	3	Mechanical Drawing; Descriptive Geometry
Philosophy, upper level -----	3	Required Elective
Physics 43, 44 -----	3	Statics; Dynamics
Religion 43, 44 -----	3	Christian Morality; Christology
	—	—
	18	19

* Students are to consult the Chairman of the Department of Chemistry before registering for their Junior Year.

DEPARTMENT OF ENGLISH

DEPARTMENT OF ENGLISH

The aims of the Department of English are: 1. To teach the student to read with understanding, and to write and speak with correctness, with exactness, and with some artistry. 2. To develop a capacity for the enjoyment of literature, especially of the major English and American authors. 3. To cultivate what Newman calls "enlargement of mind," which embraces breadth and depth of view, critical judgment, and good taste. 4. To provide adequate preparation for graduate studies, for teaching in secondary schools, and for the study of journalism or law.

A major sequence comprises a minimum of twenty-four semester hours in upper-level work. Courses in speech and dramatics may be applied on the major but are not included in computing the maximum hours (42) permitted in a single department. On the lower-level the student planning an English major must take English 21-22. Twelve hours in a foreign language are required of the English major. If he chooses to make this language his minor, he may compute the credit from all courses above the freshman level to fill the requirements for a minor.

The group major in English-journalism comprises a minimum of thirty semester hours in upper-level courses so distributed that each department is represented by at least twelve. Six hours in a foreign language are required.

Special Departmental Regulations. Prior to the semester examination, students in Freshman English may be required to take an objective standardized test administered by the Department. The results will be combined with those in the course examinations to determine promotion and revision of class sections for the second semester.

COURSES IN ENGLISH

3-4. Rhetoric and Composition

6 hours

This course embodies the study and practice of correct and effective writing. It includes a review of grammar, syntax, and the mechanics of expression.

7-8. Composition and Literature

6 hours

A course restricted to certain pre-theological students who have pursued a college-preparatory curriculum. Advanced composition is integrated with the study of the major American authors in the first semester, and of Catholic authors in the second.

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Suggested Program of Courses for the A.B. Degree with English as Major Sequence

FRESHMAN YEAR

Semester

Hours

Biology 5 -----	3	Principles of Biology
English 3-4 -----	3	Rhetoric and Composition
History 11-12 -----	3	Development of Western Institutions
Humanities 23-24 -----	2	World Literature
Philosophy 12 -----	3	Logic
Religion 11 -----	3	The Sacred Liturgy
Science Requirements -----	2	Chemistry 5; or Geology 5; or Physics 5; or Physics 7
Electives -----	3	Foreign Language

— — 17 16

SOPHOMORE YEAR

English 21-22 -----	3	Introduction to Literary Studies; The English Language
Humanities 27, 25 -----	2	Art: History and Appreciation; Music Art Forms
Mathematics 5 -----	3	General Mathematics
Philosophy 21 -----	3	Philosophy of Man
Religion 21 -----	3	Christ in the Scriptures
Science Requirements -----	2	Chemistry 5; or Geology 5; or Physics 5; or Physics 7
Social Science -----	3	Economics; Geography; History; Political Science; Sociology
Speech 15 -----	2	Fundamentals of Speech
Electives -----	3	Foreign Language

— — 16 16

JUNIOR YEAR

English 31-32 or 43-42 -----	3	Shakespeare; or Chaucer; Neo-Classicism
English 33-34 or 45-46 -----	3	The Romantic Age; the Victorian Age; or the Novel; The Drama
English 35-36 or 41-48 -----	3	American Literature; or Renaissance; Literary Criticism
English, upper level -----	3	Elect from English 37, 44, 47
Philosophy 31 -----	3	Metaphysics
Religion 31 -----	3	God and Creation
Elective -----	6	

— — 18 18

SENIOR YEAR

English 31-32 or 43-42 -----	3	Shakespeare; or Chaucer; Neo-Classicism
English 33-34 or 45-46 -----	3	The Romantic Age; the Victorian Age; or The Novel; The Drama
English 35-36 or 41-48 -----	3	American Literature; or Renaissance; Literary Criticism
Philosophy, upper level -----	3	
Religion 43, 44 -----	3	Christian Morality; Christology
Elective -----	5	

— — 17 17

21. Introduction to Literary Studies 3 hours

A Survey of the general history of literature in English, the nomenclature of literary analysis and criticism, and the reading of representative master-works in the major literary genres. Required of all English majors.

22. The English Language 3 hours

The nature and history of language as particularly exemplified by English. Special studies in such areas as etymologies, meaning, and the unites of English grammar, from the morpheme to the sentence as a whole. Required of all English majors.

31-32. Shakespeare 6 hours

A critical study of Shakespeare's life and works. The first semester treats his life, the histories, and the comedies; the second semester, the tragedies.

33. The Romantic Age 3 hours

A study of the main writers of the period and their relation to their own and later times. (Offered in 1959-60.)

34. The Victorian Age 3 hours

A study of the main Victorian and later Victorian writers and their relation to contemporary ideas. (Offered in 1959-60.)

35-36. American Literature 6 hours

The major prose and poetry writers of American literature are studied critically and historically. (Offered in 1959-60.)

37. Advanced Writing 3 hours

Advanced studies in expository, descriptive, narrative and persuasive writing.

41. Renaissance 3 hours

A study of selected non-dramatic writings by the major English authors from St. Thomas More to Milton inclusive. (Offered in 1960-61.)

42. Neo-Classicism 3 hours

A study of major writers of the English revival of classicism.

43. Chaucer 3 hours

An introduction to the study of the laws of the English language. Reading of Old and Middle English texts, with emphasis on Chaucer's Canterbury Tales. (Offered in 1960-61.)

44. Contemporary British Literature 2 hours

A survey of the chief authors and major works and trends in

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England since 1918, exclusive of the drama and the novel. (Offered in 1960-61.)

45. The Novel 3 hours

A study of the major English and American novelists from Richardson to the present time. (Offered in 1960-61.)

46. The Drama 3 hours

A survey of the chief trends in English and American drama from the beginnings to the present, with emphasis on the reading of representative plays exclusive of Shakespeare's. (Offered in 1960-61.)

47. Catholic Literature 3 hours

An introduction to the Catholic literary revival in England and America since 1800, and its ties with Catholic literature in other tongues. (Offered in 1960-61.)

48. Literary Criticism 3 hours

A study of the nature, basic values, and techniques of literatures as interpreted by various critics. Insight into principles, criteria, and methods is deepened through selected reading. (Offered in 1960-61.)

51. Honors Seminar in English 3 hours

COURSES IN FRENCH

1-2. Introductory French 6 hours

Careful training in the fundamentals of French grammar and pronunciation. Simultaneous development of the four ends of language study: reading, aural comprehension, writing, and speaking.

21-22. Intermediate French 6 hours

Intensive reading of selected short stories, plays, and excerpts which treat of French customs and culture. Review of grammar. Exercises in writing and speaking.

31. Advanced French Composition *1-2 sem.* 3 hours

Exercises in idiomatic construction and beauty of expression. Prerequisite: French 1-2 and 21-22, or equivalent.

32. French Literature *1st + 2nd sem.* 3 hours

A survey of French literature from its beginnings to the nineteenth century. Reading assignments and written reports.

41-42. French Literature 6 hours

A survey of French literature of the nineteenth and twentieth centuries. Special emphasis on the Catholic Renascence. Reading assignments and written reports.

College Catalogue 1960-61, page 69-CORRECTION!

On page 69, in second paragraph the sentence beginning with line 5 shall read as follows:

"The requirements for a major sequence in Marketing are twenty-four hours in the following upper-level courses: B.A. 34, 36, 38, 39, 41, 45, 49. 50."

DEPARTMENT OF GEOLOGY

In addition to their contribution to general education the courses in geology are designed to prepare the student for entrance into graduate school or specific occupational fields. In this latter respect the courses are intended to prepare the student for a position with the United States Civil Service Commission, to enable him to work with the United States Geological Survey and State Geological Surveys, or to train him for employment in the petroleum or mining industries, or with the National Park Service, either in the field or in the home laboratory.

The minimum requirement for a major is twenty-four semester hours in upper-level courses including Geology 32, 39, 43 and 44. For a minor sequence, twelve semester hours in upper-level courses are required.

Students majoring in Geology must show credit in or give evidence of sufficient knowledge of Physics 21-22, or 23-24, Chemistry 11, 12, and Mathematics 11, 12.

Laboratory fees: Geology 11 and 12, each \$5.00. Geology 33, 34, 37, 41, 42, and 46, each \$7.50.

Mathematics 13, 14 are strongly recommended for the Geology major.

COURSES IN GEOLOGY

5. Principles of Geology 2 hours

An introduction to geological science. This course deals with the study of the physical and historical geology of the earth as revealed in rock formations and other natural features.

11. Physical Geology 4 hours

This course introduces the student to the field of geology through a study of the following topics: rock weathering, mass wasting, sculpture of lands by streams, subsurface water, lakes and swamps, glaciation, erosion and deposition by the wind, marine erosion, volcanoes, deformation of the earth's crust, earthquakes, metamorphism, land forms, the common rocks and minerals, topographic maps. Three lectures and one laboratory period each week.

12. Historical Geology 4 hours

A further introduction to the field of geology through a study of the following topics: earth history recorded in the rocks, the constant change of living things, the scale of time, the Precambrian,

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Suggested program of courses for the A.B. or B.S. degree with Geology as Major Sequence*

FRESHMAN YEAR

Semester

Hours

Chemistry 11, 12 -----	4	4	General Chemistry; Inorganic Chemistry and Qualitative Analysis
English 3, 4 -----	3	3	Rhetoric and Composition
Geology 11, 12 -----	4	4	Physical; Historical
Mathematics 11, 12 -----	6		College Mathematics
Philosophy 12 -----	3		Logic
Religion 11 -----	3		The Sacred Liturgy
	—	—	
	17	17	

SOPHOMORE YEAR

Geology 32 -----	3	Graphic Procedures in Geology	
Geology 33, 34 -----	4	Mineralogy; Petrology	
Humanities 23-24 -----	2	World Literature	
Humanities 27 -----	2	Art: History and Appreciation	
Philosophy 21 -----	3	Philosophy of Man	
Physics 21, 22 (or 23, 24) -----	4(5)	College Physics Engineering Physics)	
Religion 21 -----	3	Christ in the Scriptures	
Speech 15 -----	2	Fundamentals of Speech	
	—		
	15-16	17-18	

JUNIOR YEAR

Geology 35 -----	3	Geomorphology	
Geology 43 -----	4	Structural Geology	
Geology 41, 44 -----	4	Invertebrate Paleontology; Stratigraphy	
History 11-12 -----	3	Development of Western Institutions	
Humanities 25 -----	2	Music Art Forms	
Philosophy 31 -----	3	Metaphysics	
Religion 31 -----	3	God and Creation	
Minor Sequence -----	3	3	
	—		
	17	17	

SUMMER SESSION

Geology 39 -----	6	Field Geology
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SENIOR YEAR

Geology 37, 42 -----	2	3	Photogeology
Geology 46 -----		3	Economic Geology
Geology 47, 48 -----	1	1	Seminar in Geology
Philosophy, upper level -----	3		Required Elective
Religion 43, 44 -----	3	3	Christian Morality, Christology
Social Science, lower or upper level -----		3	Required Elective
Minor Sequence -----	3	3	
Electives -----		3	3
	—		
	18	16	

* In planning the courses for the minor sequence, students must bear in mind the prerequisites for upper level courses. This may require certain adjustments in the sophomore year.

GEOLOGY 105

Paleozoic, and Cenozoic world, fossils, geologic maps. Three lectures and one laboratory period each week.

Prerequisite: Geology 11.

32. Graphic Procedures in Geology 3 hours

This course covers the elements of engineering drawing as applied to geologic problems. The first half of the semester is devoted to instruction in sketching, lettering, use of instruments, the construction of charts, maps, and geologic illustrations. The second half of the course covers the principles of orthographic projection and plane descriptive geometry as used in the solution of practical geologic problems. Three two-hour periods per week. Prerequisite: Geology 12 and consent of Instructor.

33. Mineralogy 4 hours

A course dealing with physical, chemical, descriptive, economic, and determinative mineralogy, and the fundamentals of crystallography. Two lectures and two laboratory periods each week.

Prerequisite: Chemistry 11, 12.

34. Petrology 3 hours

A study of the formation, occurrence, and characteristics of the common rocks together with their field identification. Two lectures and one laboratory period each week.

Prerequisite: Geology 12 and 33.

35. Geomorphology 3 hours

The study of the land forms produced by various geologic processes on the surface of the earth; the use of land forms in the interpretation of geologic history. Two lectures and one laboratory period each week.

Prerequisite: Geology 12.

37. Photogeology 2 hours

The course embraces the evaluation and depiction of geologic phenomena from aerial photographs. The primary emphasis is placed on the delineation of structural, petrologic, geomorphic and cultural features. Two laboratory periods per week. Prerequisite: Geology 12, 34.

39. Field Geology 6 hours

Geology of the Silver City Region, New Mexico. A six weeks summer field course directed from the campus of St. Mary's Academy in Silver City. Field training in stratigraphy, structure, geomorphology

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and economic geology. Topographic mapping; geologic mapping with plane table, Brunton compass, topographic maps, and aerial photographs.

Prerequisite: Geology 12; consent of the Director.

41. Invertebrate Paleontology 4 hours

Morphology, classification, geological significance of fossils; special study of index fossils of North America. Three lectures and one laboratory period each week.

Prerequisite: Geology 12.

42. Subsurface Geology 3 hours

A course on the subsurface geology of the occurrence and production of oil and other mineral bodies. Two lectures and one laboratory period each week. (To be offered 1961-62.)

Prerequisites: Geology 12, 34, and 41.

43. Structural Geology 4 hours

A study of the framework of the earth's crust; the deformation of the earth, its causes and effects. Three lectures and one laboratory period each week.

Prerequisites: Geology 12, 34 and Mathematics 11-12.

44. Stratigraphy 3 hours

Methods of description, classification and interpretation of faunal and facies changes; correlation of stratigraphic units, with emphasis on those of Indiana and Illinois. Laboratory and field exercises in stratigraphic problems. Two lectures and one laboratory period each week.

Prerequisites: Geology 12, 34, and 41.

46. Economic Geology 3 hours

A study of the general principles for the formation of mineral deposits, together with an application of these principles to the study of specific economic mineral deposits. Two lectures and one laboratory period. (To be offered 1961-62.)

Prerequisites: Geology 12, and 34.

47-48. Seminar in Geology 2 hours

Discussion of special problems.

Prerequisite: Senior standing.

51. Honors Seminar in Geology 3 hours

COURSES IN GERMAN

1-2. Introductory German 6 hours

Exercises in pronunciation, essentials of grammar, and functional vocabulary. Intensive reading from graded texts.

21-22. Intermediate German 6 hours

Review of grammar. Practice in reading and writing. Required selections from modern works in the narrative, dramatic, and scientific styles.

26. Scientific German 3 hours

An intensive reading course for students majoring in science. This course may be substituted for German 22.

35-36. German Literature 6 hours

A survey of German literature. Reading assignments; oral and written reports.

41-42. German Drama 6 hours

A study of the works of Goethe and Schiller as representative of the classical period, and the reading of modern dramatists from Kleist to Hauptmann.

COURSES IN GREEK

1-2. Elements of New Testament Greek 6 hours

A study of the fundamentals of inflection and rules of syntax as found in the Greek of the New Testament.

21. The Greek New Testament 3 hours

The course aims to impart a reading knowledge of the Greek New Testament through the reading of some selections from the Gospel of St. Luke and the *Acts of the Apostles*.

DEPARTMENT OF HISTORY

The Department of History attempts to explain events by their human causes and to discern in them where appropriate the influence of Providence and the play of man's free will, to develop the ability to judge critically, to lay the foundations for that general culture which requires the knowledge and background necessary for intelligent and useful citizenship.

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Concentration in History prepares a student for teaching in secondary schools, for entrance into graduate or law school, and provides a broad cultural basis in a four-year liberal arts program.

A major sequence in History requires Social Science 1-2, History 23-24, and twenty-four semester hours on the upper level, including History 33 and 50. Students who plan to enter graduate school are advised to include in their programs at least twelve hours or the equivalent in a foreign language, preferably French or German.

A minor sequence in History requires twelve hours in upper-level courses.

COURSES IN HISTORY

11-12. The Development of Western Institutions 6 hours

The origins and growth of the basic social and cultural institutions of Western Civilization. Their pre-literary origins, the ancient Mediterranean world, and medieval society are considered during the first semester; their development in the modern world since the sixteenth century is treated in the second semester.

21. World Geography 3 hours

This course presents to the student the life and occupations of man as related to geographic conditions. The social, political, and industrial development of typical regions is studied in relation to such factors as land utilization, natural highways and boundaries, and distribution of natural resources.

23-24. American Civilization, I-II 6 hours

A study of American civilization from its European origins until 1865 in the first semester; its development since 1865 until the present is considered in the second semester.

32. Classical Civilization 3 hours

A study of the two centers of classical civilization, Athens (500 to 400 B.C.) and Rome (100 B.C. to 100 A.D.). Emphasis is placed on Athenian cultural attainments and on Roman political developments.

31. The American Colonies and the Early Republic 3 hours

An investigation of the early foundations of American civilization in the colonial and early national period to 1824.

33. History of the Middle Ages 3 hours

The development of Europe from the disintegration of the Roman Empire in the West to the Renaissance. The Church, feudalism,

the manorial system, and town life are among the major topics treated. Stress is placed upon the social and economic life in the period.

36. History of the American Frontier 3 hours

The influence of the West on American political, economic, and social life from colonial beginnings to 1890, with special reference to the public lands, internal improvements, sectionalism, and territorial expansion.

38. Recent American History 3 hours

The most recent era in the growth of the American people is studied in its world setting.

39. Civil War and Reconstruction 3 hours

A study of the slavery question, the disruption of the party system, the war between the states, and the issues and problems of reconstruction.

40. History of Latin America 3 hours

A study of the main trends in the development of Latin American civilization from the Age of Discovery to Recent Times.

41. History of England to 1603 3 hours

The constitutional, imperial, and social growth of the English from the beginnings to the Stuart age. (Offered in 1960-61.)

42. History of England since 1603 3 hours

The constitutional, imperial, and social growth of the English people from Stuart times to the present. (Offered in 1960-61.)

44. History of Modern Russia 3 hours

The origins and development of the revolutionary movements and the basic factors in Russian and Soviet foreign policy from the eighteenth century to the present time.

45. Constitutional History of the United States to 1865 2 hours

A consideration of judicial interpretations affecting the formation of a Federal Union.

46. Constitutional History of the United States since 1865 2 hours

Attention is drawn to the judicial solutions of problems arising under a more centralized form of government.

47. Early Modern Europe, 1500-1789 3 hours

A study of the Renaissance, the Reformation, and the Catholic Counter-Reformation; the age of the Baroque and the 18th Century.

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Suggested Program of Courses for the B.A. Degree with History as Major Sequence

FRESHMAN YEAR

		Semester	
		Hours	
English 3-4 -----	3	3	Rhetoric and Composition
History 11-12 -----	3	3	Development of Western Institutions
Humanities 25, 27 -----	2	2	Music Art Forms; Art: History and Appreciation
Philosophy 12 -----	3	3	Logic
Politics 21-22 -----	3	3	Introduction to Political Science; American Government
Religion 11 -----	3	3	The Sacred Liturgy
Science requirements -----	2	2	Chemistry 5, Geology 5; Physics 5 and Physics 7
	—	—	
		16 16	

SOPHOMORE YEAR

Biology 5 -----	3	Principles of Biology	
History 23-24 -----	3	3	American Civilization I-II
Humanities 23-24 -----	2	2	World Literature
Mathematics 5 -----	3	3	General Mathematics
Philosophy 21 -----	3	3	Philosophy of Man
Religion 21 -----	3	3	Christ in the Scriptures
Speech 15 -----	2	2	Fundamentals of Speech
Electives -----	3	6	French or German; or Economics 21-22
	—	—	
		16 17	

JUNIOR YEAR

History 33, 32 -----	3	3	Middle Ages; Classical Civilization
History 50 -----	3	3	Pro-Seminar
History 31, 36 -----	(3)	(3)	American Colonies; American Frontier
History 49 -----	(3)		World Since 1914
Minor Sequence -----	3	3	
Philosophy 31 -----	3	3	Metaphysics
Religion 31 -----	3	3	God and Creation
Elective -----	3	3	French or German
	—	—	
	(15)	(18)	15(18)

SENIOR YEAR

History 47, 48 -----	3	3	Early Modern Europe; 19th Century Europe
History 45-46 -----	(2)	(2)	
History 39, 38 -----	(3)	(3)	Constitutional History
History 51 -----	3	3	Civil War; Recent U.S. History
Minor Sequence -----	3	3	Honors Seminar
Philosophy, upper level -----	3	3	History of Philosophy (recommended)
Religion 43, 44 -----	3	3	Christian Morality; Christology
Electives -----	5		
	—	—	
	17(16)	18(17)	

48. Europe in the Nineteenth Century, 1789-1914 3 hours

Nineteenth century Europe, with emphasis on the French Revolution and its influence, liberalism, nationalism, materialism, and the origins of the first World War.

49. The World Since 1914 3 hours

A study of warfare, totalitarianism, dictatorships, and "collective security" in our own times.

50. Pro-Seminar in History 3 hours

An introduction, by means of directed reading and individual projects, to the methods of historical research, historiography, and the philosophy of history.

51. Honors Seminar in History 3 hours

HONORS DEPARTMENT

This department was organized in May 1959 in order to enable exceptional students to broaden and deepen their knowledge. Students having a cumulative index of 3.00 or better are permitted to register for these courses and to submit them towards major, minor or degree requirements.

HONORS COURSES

100. Introduction to Knowledge 3 hours

An examination of the origins, development and perfection of knowledge and of the branches of higher learning. (Open to Freshmen only; Fr. Maziarz)

101. Comparative Education 3 hours

The major emphasis in this course is on the contemporary status of education in a selected number of representative countries of the world and the comparison of these educational systems with that of the United States. Attention is also centered on the international, government sponsored, and non-government educational organizations and agencies and their cooperative efforts in education. (Offered Fall, 1959-60; Sr. M. Audrey)

102. Contemporary Moral Problems 3 hours

This course deepens the Catholic intellectual's appreciation of the most pressing contemporary moral problems. Such problems arise in three areas: 1) in the very structure of Christian moral teaching,

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as the result of biblical and patristic studies and of contact with contemporary philosophy; 2) in theology's efforts to assimilate the findings of the positive sciences, notably psychology and sociology; 3) in today's closer association of Catholics with non-Catholics in political, economic and cultural life. (Offered Spring, 1959-60; Fr. Lubeley)

103. Medieval Institutions 3 hours

An interpretative study of the great institutions of the Middle Ages—the Church, feudalism, law, the manor, the town, the schools and university—through selected classics in medieval history. The place of each institution in the fabric of medieval life is analyzed, together with the great ideas associated with it. Stress is placed on the cultural and social aspects of Western Europe from the seventh to the fifteenth centuries. (Offered Fall, 1959-60; Fr. Shea)

104. Great Historians and Their Ideas. 3 hours

A study of selected works of some eight major historians and philosophers of history, representative of the main trends in historical interpretation and method. (Offered Spring, 1959-60; Fr. Shea)

105. Comparative Religions 3 hours

By means of weekly research, reports and discussion, the student investigates the principal elements of primitive and historical religions, comes to grips with the problems on the origin, development and nature of religion in general, and compares the so-called "natural religions" with the Judaeo-Christian tradition. (Offered Spring, 1959-60; Fr. Bierberg)

107. Economic Systems: Capitalism, Socialism & the Functional Economy 3 hours

A comparative examination of the theoretical foundations, the historical origins, and the actual operations of the three major types of economic systems. (To be offered Fall, 1960-61; Dr. Jones)

HUMANITIES COURSES

All students must, for graduation, show eight semester hours in the following courses.

23-24.. World Literature 4 hours

Great classics—ancient, medieval, and modern—are read in translation, with attention to the continuity of broad literary trends, to the interrelation of literatures, and to such artistic values as are preserved in translation.

25. Music Art Forms 2 hours

The aim of this course is to lay the foundation for an intelligent appreciation of music and of its relation to human experience. The nature of music, its forms, and its development are studied, with some attention to the great composers in various periods. Listening to records and specified radio programs and attendance at local concerts are integrated with the course.

27. Art: History and Appreciation 2 hours

A course designed to furnish the student with a background for an understanding of the arts and to broaden his judgment in regard to what constitutes beauty and good taste. A brief survey of painting, sculpture, architecture, and the minor arts of all periods.

DEPARTMENT OF JOURNALISM

The aims of the Department are: 1. To prepare the student for professional work of journalism or for graduate study in the field. 2. To make him aware of the opportunities and moral responsibilities of the Catholic journalist.

The group-major in English-journalism comprises a minimum of thirty semester hours in upper-level courses so distributed that each department is represented by at least twelve. Six hours in a foreign language are required.

For a minor sequence in journalism, the student must show twelve semester hours credit in upper-level courses.

COURSES IN JOURNALISM

1. Introduction to Journalism 3 hours

A basic course which precedes upper-level work. It emphasizes underlying principles of journalism and the need of broad background in other areas. Considered carefully are the several types of journalistic writing, the functions of the individual parts of the whole newspaper, and some of the problems facing modern journalism.

31. News Writing and Reporting 3 hours

A practical course stressing news values, news sources, accurate gathering of news materials, structure and style of news stories, and interviews.

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Suggested Program for Group Major in English Journalism

FRESHMAN YEAR

	Semester	Hours	
English 3-4 -----	3	3	Rhetoric and Composition
Journalism 1 -----	3		Introduction to Journalism
History 11-12 -----	3	3	Development of Western Institutions
Humanities 27, 25 -----	2	2	Art: History and Appreciation; Music Art Forms
Biology 5 -----	3		Principles of Biology
Philosophy 12 -----	3		Logic
Religion 11 -----	3		The Sacred Liturgy
Electives -----	3	3	Foreign Language; lower level courses in Economics; Political; or Sociology
	—	—	17 17

SOPHOMORE YEAR

Humanities 23-24 -----	2	2	World Literature
Journalism 31 -----	3		News Writing and Reporting
Mathematics 5 -----	3		General Mathematics
Philosophy 21 -----	3		Philosophy of Man
Religion 21 -----	3		Christ in the Scriptures
Speech 15, 16 -----	2	2	Fundamentals of Speech; Voice and Articulation
Electives -----	3	3	Foreign Language; lower level courses in Economics; Politics; or Sociology
Science Requirement -----	2	2	Chemistry 5; or Geology 5; or Physics 5; or Physics 7
	—	—	15 15

JUNIOR YEAR

English, Elective -----	3	6	Elect from English 31-32; 35-36; 45-46
History 39; 36 or 38 -----	3	3	Civil War and Reconstruction; History of the American Frontier; or Recent American History
Journalism 41; 32 or 34 -----	3	3	Editorial Persuasion; Editing or Feature Writing
Journalism 44 or 46 -----	3		Newspaper Management and Advertising, or Ethics of Journalism
Philosophy 31 -----	3		Metaphysics
Politics 33; 34 -----	3	3	Political Parties and Pressure Groups; Comparative Government
Religion 31 -----	3		God and Creation
	—	—	18 18

SENIOR YEAR

English Elective -----	6	6	Elect from 31-32; 35-36; 45-46
Journalism 32 or 34 -----	3		Editing, or Feature Writing
Journalism 44 or 46 -----	3		Newspaper Management and Advertising; or Ethics of Journalism
Journalism 51 -----	3		Honors Seminar
Philosophy, upper level -----	3		
Religion 43, 44 -----	3	3	Christian Morality; Christology
Electives -----	5		
	—	—	17 18

32. Editing **3 hours**

Study and practice in copyreading, rewriting, headline writing, proofreading, page makeup, and type and printing methods. Particular emphasis is placed upon the preservation of good taste and high moral standards in the editing of copy.

34. Feature Writing **3 hours**

A practical course in the techniques of feature writing and their application to the various types of feature stories and special articles.

41. Editorial Persuasion **3 hours**

Analysis of the means of persuasion as outlined in Aristotle's *Rhetoric*: good character in the writer and proper appeal to the reader's intellect and emotion. Practical use of Aristotle's principles by the editorial writer.

44. Newspaper Management and Advertising **3 hours**

A study of the business side of newspaper production. Consideration of the various departments: administration, accounting, circulation, promotion, and advertising. (Offered in 1958-59.)

46. Ethics of Journalism **3 hours**

An application of ethics to the press in the light of current problems and professional codes; a study of the laws, such as those of libel and copyright, which affect the relationship between the press and society. (Offered in 1959-60.)

51. Honors Seminar in Journalism **3 hours****COURSES IN LATIN****1-2. Introductory Latin** **6 hours**

A course designed for students who have not taken Latin in high school; it covers in one year the matter usually taken in two years of high school Latin.

3-4. Intermediate Latin **6 hours**

A course designed for students who present two years of Latin from high school. The Catilinian Orations and selections from Vergil's *Aeneid* form the subject matter of the course.

5. Cicero **3 hours**

Selections from the *De Amicitia*, *De Senectute*, *Pro Archia*, and from the Letters of Cicero.

Prerequisite: Latin 3-4 or equivalent.

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6. Horace	3 hours
Selected odes, epodes, satires, and the <i>Ars Poetica</i> .	
7-8. Latin Composition I	2 hours
Graded exercises for translating from English to Latin. This course is complementary to Latin 5 and 6.	
15. Readings in Ecclesiastical Latin	3 hours
Extensive reading in the <i>Catechismus Catholicus</i> of Cardinal Gasparri is used as the means of developing fluency and comprehension.	
21. Livy	3 hours
Roman History: selections from Books 21, 22, 24, and 25.	
22. Latin Hymns and Ecclesiastical Writers	3 hours
A study of selected hymns from the Roman Breviary and of texts commonly used in the major seminary.	
25-26. Latin Composition II	2 hours
A continuation of Latin 7-8.	

DEPARTMENT OF MATHEMATICS

The departmental courses in mathematics are designed to help the student attain: 1. An understanding and appreciation of the fundamental methods of deductive reasoning. 2. Certification for teaching mathematics in secondary schools. 3. Adequate preparation for work in graduate or professional schools. 4. Facility in using the tools of mathematics, particularly in the natural sciences and in business.

The minimum requirement for a major in mathematics is twenty-four semester hours in upper-level courses including Mathematics 31, 33, 34, and 41. For a minor sequence nine semester hours in upper-level courses are required including Mathematics 33 and 41.

COURSES IN MATHEMATICS

5. Algebraic Structure and the Number System	3 hours
This course is designed for students who otherwise are not required to go on in Mathematics. It has as its aim to provide such students with an insight into the inner workings of mathematics rather than superficial manipulations, to instill in them an interest	

in this science, to increase their ability to think rigorously and to set up a solid foundation of mathematical concepts upon which they can build. Content: development of the number system, its operations and algebraic properties; role of functions; conditional equations and identities; exponents, radicals and logarithms; and comparative algebras, e.g. algebra of sets.

9. Mechanical Drawing **3 hours**

This course deals with the fundamentals of drafting procedure including the care and use of drafting instruments, drawing-board geometry, orthographic projection, technical sketching and perspective drawing. Three two-hour periods each week.

10. Descriptive Geometry **3 hours**

This course deals with the orthographic representation of points, lines, and planes and their fundamental geometric relations. Geometric problems are solved on the basis of orthographic projection. Three two-hour periods each week.

Prerequisite: Mathematics 9.

11, 12, 13, 14. College Mathematics **12 hours**

A comprehensive one-year course of college mathematics for students who require it for their special fields—including geology, business, education, sociology, and pre-medical courses, as well as physics, mathematics, chemistry and engineering. The courses provides utilitarian mathematics, plus a broad coverage of philosophy of mathematics and of advanced courses dealing with mathematics as a cultural entity. The content of this one year course follows:

11. Fundamental Mathematics and Algebra **3 hours**

Development of the number system, its operations and algebraic properties, functions, equations, identities, exponents, radicals, logarithms, rational numbers and fields, real and complex numbers. Offered during the first eight weeks of the first semester.

12. Trigonometry and Analytical Geometry **3 hours**

Introduction to probability and statistics; trigonometric functions, derivation of standard formulas, trigonometric identities, solution of triangles; coordinate systems, graphing, straight line conic sections, and the general equation of the second degree. Offered during the second eight weeks of the first semester.

* Not offered after January, 1960

** Not offered after June, 1960.

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Suggested Program of Courses for the A.B. or B.S. Degree with Mathematics as Major and Physics as Minor Sequence**

FRESHMAN YEAR

	Semester	Hours	
English 3-4 -----	3	3	Rhetoric and Composition
History 11-12 -----	3	3	Development of Western Institutions
Humanities 27, 25 -----	2	2	Art: History and Appreciation; Music Art Forms
Mathematics 11, 12, 13, 14 -----	6	6	College Mathematics
Philosophy 12 -----		3	Logic
Religion 11 -----	3		The Sacred Liturgy
	—	17	17

SOPHOMORE YEAR

Humanities 23-24 -----	2	2	World Literature
Mathematics 31-32 -----	3	3	Calculus II; Advanced Calculus
Philosophy 21 -----		3	Philosophy of Man
Physics 23-24 -----	5	5	Engineering Physics
Religion 21 -----	3		Christ in the Scriptures
Speech 15 -----	2		Fundamentals of Speech
Elective -----		3	
	—	15	16

JUNIOR YEAR

Mathematics 31, 32 or 33, 34 -----	3	3	Calculus III, Adv. Calculus; College Geometry, Differential Equations
Mathematics 37, 36 -----	3	3	Solid Analytics; Theory of Numbers
Mathematics 41 -----	3		Theory of Equations
Mathematics 43 or 44 -----		3	History of Mathematics; Determinants and Matrices
Philosophy 31 -----	3		Metaphysics
Physics 31 -----		3	Electric & Magnetic Circuits
Physics 41-42 or 45-46 -----	3	3	Modern Physics; Electronics
Electives -----	2		
Religion 31 -----		3	God and Creation
	—	17	18

SENIOR YEAR

Mathematics 31, 32 or 33, 34 -----	3	3	Calculus III, Adv. Calculus; College Geometry, Differential Equations
Mathematics 37, 36 -----	3		Solid Analytics; Theory of Numbers
Mathematics 43 or 44 -----		3	History of Mathematics; Determinants and Matrices
Mathematics 51 -----	3		Honors Seminar
Philosophy, upper level -----		3	
Physics 41-42 or 45-46 -----	3	3	Modern Physics; Electronics
Religion 43, 44 -----	3	3	Christian Morality; Christology
Elective -----		3	
	—	15	18

** Students who plan to complete the requirements for the mathematics-physics group major are advised to substitute three hours in physics for Advanced Calculus, (Mathematics 32).

13. Calculus I 3 hours

Limits, derivatives, differentials, integrals of algebraic forms, constant of integration and definite integral. Offered during the first eight weeks of the second semester.

14. Calculus II 3 hours

Derivatives, differentials, and integrals of transcendentals with applications to parametric equations and polar equations; curvature, Theorem of Mean Value, reduction formulas; introduction to set theory and to number theory. Offered during the second eight weeks of the second semester.

(Mathematics 11, 12, 13, 14 are prerequisites for all upper level courses except Mathematics 33. Mathematics 11 and 12 are prerequisite for Mathematics 13 and 14.)

31. Calculus III 3 hours

An extension of Mathematics 21 and 22 leading to a consideration of the following: series, expansion of functions, ordinary differential equations, hyperbolic functions, partial differentiation and applications, and multiple integrals.

Prerequisites: Mathematics 21 and 22.

32. Advanced Calculus 3 hours

This course is intended for those students who to some extent have mastered the manipulative skills of the differential and integral calculus. It introduces the student to theoretical questions which may lead him to further study. It includes more rigorous treatment of series, partial differentiation, implicit functions, differential equations, and definite integrals; also an introduction to beta and gamma functions.

Prerequisites: Mathematics 21, 22, and 31.

33. College Geometry 3 hours

The purpose of this course is to introduce the student to a wide and extensive body of synthetic geometry. It concerns the geometry of the triangle and the circle and requires only the known Euclidian concepts. College geometry is recommended to prospective teachers in secondary schools.

34. Differential Equations 3 hours

This course presents differential equations from a practical viewpoint, combining the formal exercises of integrating the various standard types of differential equations with the setting-up of equations from problems of natural science.

Prerequisites: Mathematics 11.1-12.2, and preferably 31.

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36. Solid Analytical Geometry 3 hours

This course is devoted to the coordinate geometry of curves and surfaces in three-dimensional space, particularly of the plane, the straight line, and the quadratic surface. It also serves to introduce methods and principles which have an important part in the various fields of advanced mathematics. (Offered in 1959-60.)

Prerequisite: Mathematics 11, 12, 13, 14.

37. Theory of Numbers 3 hours

This course treats the elementary properties of integers, the definition and properties of divisibility, Euclid's Algorithm, Diophantine equations, prime numbers, aliquot parts, congruences, and quadratic residues. (Offered in 1960-61.)

Prerequisite: Mathematics 11, 12, 13, 14.

41. Theory of Equations 3 hours

In this course students are guided through the proofs of the important general theorems in the elementary theory of algebraic equations. The methods of deductive reasoning are used abundantly, imparting to the student a realization of the need of clarity, exactness, and logical discourse. The concepts of ring and field are introduced, and with these as a basis, complex numbers, polynomials and their roots, resultants, discriminants, and symmetric functions are treated.

Prerequisite: Mathematics 11, 12, 13, 14.

42. History of Mathematics 2 hours

History of the development of the various fields of mathematics from the earliest times to the present day. Open only to students majoring in mathematics. (Offered in 1960-61.)

44. Determinants and Matrices 3 hours

An introduction to the theory of vector spaces; matrices, their types and properties and the elementary applications of these concepts. (Offered in 1959-60.)

Prerequisite: Mathematics 11, 12, 13, 14.

51. Honors Seminar in Mathematics 3 hours

DEPARTMENT OF MUSIC

The aim of the department of music is to further the intellectual, aesthetic, and religious development of the student through the medium of music theory and practice, secular and religious. In addition to courses in musical theory, music education and applied music in voice,

piano, organ and all band and orchestral instruments, the Department conducts Saint Joseph's Institute of Liturgical Music, with courses leading to a Bachelor of Arts Degree with a Major in Liturgical Music or to a Certificate in Liturgical Music.

Saint Joseph's Summer Institute of Liturgical Music, established in 1960 and largely modeled in its specialized area after the Corso Ordinario of Gregorian Chant of the Pontifical Institute of Sacred Music in Rome, offers a comprehensive program of liturgical music leading to a Bachelor of Arts Degree or to a Certificate in Liturgical Music. Chant and polyphony courses are taught by instructors who have been schooled in the Pontifical Institute of Sacred Music in Rome.

The degree of Bachelor of Arts in Liturgical Music is offered for twenty-four hours of upper-level credit in Liturgical Music providing catalogue requirements are met. The required courses are Music 301, 312 (organ), 31, 330, 340, 421, 430, 440 and 460, plus twelve credit hours of Latin.

The degree of Bachelor of Arts in Liturgical Music is offered to those who already have a Bachelor of Arts Degree from a recognized College or University for the completion of the following program: 301, 311-312 (organ,) 321, 330, 340, 421, 430, 440, 450 and 460. Additional courses in Latin are recommended.

Those who do not have a bachelor's degree and do not choose to qualify for one by following the full college curriculum may earn a Certificate in Liturgical Music by completing the following program: 301, 311-312 (organ), 321, 330, 340, 421, 430, 440, 450 and 460. Additional courses in Latin are recommended.

A minor sequence in music consists of a minimum of twelve semester hours on the upper level. A minor sequence in liturgical music consists of Music 212 (organ) plus twelve semester hours on the upper level in liturgical music, including 422 and 460.

COURSES IN MUSICAL THEORY

3. Sight Singing 2 hours

A course designed to train the student in identifying intervals, chords and melodies.

4-5. Basic Theory 4 hours

An introductory course in musical theory, covering musical notation, scales, intervals and triads. One semester course, duration of class $1\frac{1}{2}$ hour.

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23-24. Harmony 4 hours

A study of relationship of chords and their progressions. Also a complete study of cadences, transitions, modulations and altered chords.

33-34. Counterpoint I and II 4 hours

Strict and Free Counterpoint—four species; two and three voice counterpoint.

35-36. Orchestration 4 hours

A study of the characteristics of the instruments; scoring of compositions for band and orchestra.

43-44. Composition 4 hours

Original composition.

Prerequisite: Music 33-34.

COURSES IN APPLIED MUSIC

Private instruction in the following fields of applied music are offered: a) voice b) piano c) organ d) violin or other string instruments e) wind instruments f) percussion instruments g) band.

1-2. Preliminary Course without credit

3-4. Preliminary Course without credit

The above courses are intended for beginner students.

21-22. Voice or Instrument 2 hours

25-26. Voice or Instrument 2 hours

A continuation of Applied Music 11-12.

31-32. Voice or Instrument 2 hours

A continuation of Applied Music 21-22

41-42. Voice or Instrument 2 hours

A continuation of Applied Music 31-32.

COURSES IN LITURGICAL MUSIC

121. Elementary Gregorian Chant 2 hours

Elementary notions; solfeggio; names and interpretation of neums; rhythm of the Chant; accentuation, tonic accent, principal and secondary accents; psalmody; hymnody; practical application of the theory.

321. Advanced Chant: Theory and Practice 3 hours

Practical rules of interpretation, technique and style according to the principles of Solesmes; detailed rhythmic and dynamic analysis; modality; elements of chironomy; practical application of the theory.

Prerequisite: 121 or equivalent.

(If taken during the regular school year, this course is divided into two semesters thus: 2 hours—1 hour. If taken during the summer the 3 hours are taken as one continuous course.)

330. Gregorian Form and Analysis 3 hours

A study of Gregorian melodic styles, formulas and compositions from the viewpoint of form; an analysis of the structure of psalms and the psalmody chant.

Prerequisite: 121 or equivalent.

340. Gregorian Accompaniment 2 hours

Study and composing of modal accompaniment; investigation and evaluation of current methods of accompaniment.

Prerequisites: 23, 24, 121.

421. Advanced Chant: Chironomy and Paleography 3 hours

Basic principles of conducting the chant; detailed interpretative analysis and practical conducting of the chant under critical supervision; general notions of Gregorian Paleography; detailed study of the St. Gall notation; practical interpretation of the chant in the light of paleographic evidence.

Prerequisite: 321.

(Taken as a divided or a continuous course as in 321, above.)

430. Polyphonic Form and Analysis 2 hours

Elements, characteristics and structures of the principal forms employed by the greatest masters of polyphony, with the emphasis on Palestrinian forms.

440. Liturgical Music: History and Legislation 2 hours

A survey of the history and legislation of church music from the beginning to the present time with special emphasis on the practical application of the most recent legislation.

450. Theological Initiation into the Liturgy 2 hours

History of salvation; liturgical spirituality; elements of the liturgy.

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460. Choral Conducting in the Homophonic and Polyphonic Idioms

2 hours

Fundamentals of conducting liturgical homophony and polyphony; practical conducting under critical supervision; rehearsal technique; repertoire.

470. Literature of Liturgical Music

2 hours

A study of the literature of liturgical music through recordings as well as live performances by students and professors, with discussion of the style, interpretation, technique, and manner of presentation of the separate works.

Organ. See Applied Music.

Counterpoint I and II, Composition I and II. See Courses in Theory.

DEPARTMENT OF PHILOSOPHY

The Department of Philosophy offers both a major and a minor sequence. A major sequence consists of a minimum of twenty-four semester hours on the upper level and must include courses 31, 32, 33, 38, and six hours from 41, 42, 43, and 44. A minor sequence consists of a minimum of twelve semester hours on the upper level.

Six semester hours of philosophy on the lower level and six on the upper level are required of all students. Courses 12, 21, and 31, are obligatory.

COURSES IN PHILOSOPHY

12. Logic

3 hours

This course aims to develop the sense of correct thinking by a study of concepts and terms, judgments and propositions, immediate inference, deduction, scientific method, and the sources of fallacies.

21. Philosophy of Man

3 hours

The Thomistic study of man's composite nature, of the principles of sensory and intellectual knowledge and desire, and of the spirituality, origin, and immortality of soul, with an emphasis on the unity of the human person.

31. Metaphysics

3 hours

The study of being in its most fundamental aspects. This branch of systematic philosophy deals with the Thomistic concepts of act and potency, the nature of causality, transcendentals, and predicaments, in order to furnish the student with the broad and basic ideas essential to the synthetic grasp of reality.

32. Natural Theology 3 hours

The study of the proofs of the existence of God in their historic background together with the modern criticism. The doctrine of analogy receives special emphasis. (Offered in 1960-61.)

Prerequisite: Philosophy 31.

33. Cosmology 3 hours

This course integrates present-day scientific discovery with the basic Thomistic principles. The problem of finality, the laws of nature, and space and time are studied in the light of traditional principles. (Offered in 1959-60.)

36. Ethics 3 hours

A study of the end of man, human acts, and the relation of human acts to that end. Particular stress is laid on the principles of right reason in the light of Thomistic Psychology and Metaphysics. Special attention is given to the study of the Natural Law and the virtues as they affect the life of man both as an individual and as a member of society.

38. Epistemology 3 hours

A study of knowledge in its metaphysical implications. A consideration of being as intelligible, and of intellect as related to reality. This course consists principally in reflections upon the nature of knowledge, critical judgments concerning the sources of knowledge, and an ultimate evaluation of knowledge.

Prerequisite: Philosophy 31.

41. History of Ancient Philosophy 3 hours

A course in early philosophy, especially of the Greek thinkers. The progress of philosophic thought is presented by means of sources studied in their background, class discussions, and written reviews. (Offered in 1959-60.)

42. History of Medieval Philosophy 3 hours

The study of philosophic thought from the patristic age to the scholastic decline. Scholasticism is examined in the light of the present-day need for a perennial philosophy. (Offered in 1959-60.)

43. History of Modern Philosophy 3 hours

A study of modern thinkers against the background of the Renaissance, the Reformation and the rise of science. Special attention is given to the impact upon the contemporary world of such men as Descartes, Spinoza, Leibniz, Bacon, Newton, Locke, Hume, Rousseau, Kant, Hegel, Mill, and Spencer.

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Suggested Program of Courses for the A.B. Degree with Philosophy as Major Sequence¹

FRESHMAN YEAR

	Semester	Hours	
Biology 5 -----	3	Principles of Biology	
English 3-4 -----	3 3	Rhetoric and Composition	
History 11-12 -----	3 3	Development of Western Institutions	
Humanities 23-24 -----	2 2	World Literature	
Philosophy 12 -----	3	Logic	
Religion 11 -----	3	The Sacred Liturgy	
Science Requirement -----	2	Chemistry 5; Geology 5; Physics 5; or Physics 7	
Electives -----	3 3		
	— —		
	17 16		

SOPHOMORE YEAR

Humanities 25, 27 -----	2 2	Music Art Forms: History and Appre- ciation
Mathematics 5 -----	3	General Mathematics
Philosophy 21, 31 -----	3 3	Philosophy of Man; Metaphysics
Religion 21 -----	3	Christ in the Scriptures
Science requirements -----	2	Chemistry 5; Geology; Physics 5; or Physics 7
Social Science -----	3	(Elective)
Speech 15 -----	2	Fundamentals of Speech
Electives -----	3 6	Foreign Language
	— —	
	16 16	

JUNIOR YEAR

Philosophy 33, 46 or 38, 32 -----	3 3	Cosmology; Philosophy of Science; or Epistemology; Natural Theology
Philosophy 36 -----	3	Ethics
Philosophy 41, 42 or 43, 44 -----	3 3	History and Philosophy
Religion 31 -----	3	God and Creation
Speech 31-32 -----	2 2	Discussion and Debate
Minor Sequence -----	3 3	
Electives -----	2 2	
	— —	
	16 16	

SENIOR YEAR

Philosophy 33, 46 or 38, 32 -----	3 3	Cosmology; Philosophy of Science; or Epistemology; Natural Theology
Philosophy 41, 42, or 43, 44 -----	3 3	History of Philosophy
Philosophy 51 -----	3	Honors Seminar
Minor Sequence -----	3 3	
Religion 43, 44 -----	3 3	Christian Morality; Christology
Elective -----	3	
	— —	
	15 15	

¹ Programs for designated majors should be viewed as suggested patterns and not as rigid schedules. By the end of his sophomore year, the student should select a field of concentration and with the guidance of his faculty counselor plan his course of studies for the junior and senior years.

44. Contemporary Philosophy 3 hours

A critical evaluation of Bergson and the philosophy of the spirit, Husserl and the phenomenological method, Neo-positivism, the Analytical Philosophers, Dialectical Materialism, Pragmatism, the Metaphysical Renaissance, and Existentialism.

46. Philosophy of Science 3 hours

For the more advanced student of both philosophy and science this course seeks solid foundations for scientific coordination in the basic principles of Thomism. Extensive readings in the history of science and of philosophy are required.

Prerequisite: Philosophy 33.

51. Honors Seminar in Philosophy 3 hours

DEPARTMENT OF PHYSICAL EDUCATION

The Department of Physical Education is designed to offer the student a knowledge of physical education in its theoretical and practical phases. Courses in the history and principles of physical education present the background upon which the profession developed and the standards which must be maintained. Other courses are offered to acquaint the student with the professional skills, techniques, and competencies that will be needed in the exercise of teaching and/or coaching duties.

Physical education majors are prepared to enter the coaching field, the teaching of health and physical education or to work in recreational activities and centers.

A major sequence in physical education requires twenty-four semester hours on the upper level, including Physical Education 34 and either Physical Education 35 or Education 37, and Speech 31. A minor sequence requires twelve semester hours in upper level courses.

Students who plan to qualify for the teacher's certificate in Health, and Physical Education should consult the Director of Student Teaching.

COURSES IN PHYSICAL EDUCATION

16. First Aid and Safety Education 2 hours

A consideration of the essential elements in the theory and practice of safety in the school, in the home, in occupational activities and on the highway. Instruction in the administration of first aid and civil defense.

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30. Public Recreation and Camp Activities 3 hours

Theory and practice of playground supervision and camp leadership. Techniques proper to arts and crafts, aquatics, outdoor recreational activities, nature study, and special programs are included. Observation of camp facilities and recreational programs.

31. History and Principles of Physical Education 3 hours

A basic course presenting a critical evaluation of social, economic, and political forces associated with the development of physical education throughout its history, and secondly, introducing the student to the fundamental facts and principles associated with Motivation, Program, Instruction, Supervision, Administration, and Evaluation in the field of physical education.

32. Coaching of Baseball and Track 2 hours

Theory and practice in batting, fielding, base running, and pitching. Principles of coaching and officiating in baseball, track, and field events. Two lectures and one laboratory period per week. (Offered in 1959-60.)

33. Gymnastics and Rhythmic Exercises 2 hours

Elements of individual and natural gymnastics; corrective exercises, callisthenics, class drill, tumbling and apparatus; fundamentals of rhythm as applied to games, plays, and songs. Two lectures and one laboratory period per week.

34. Kinesiology 3 hours

A study of the origin, insertion, and action of the muscles in the human body as they relate to skeletal movement in sport skills. This course is designed for physical education students.

35. Measurements in Health and Physical Education 3 hours

A course in measurement and evaluation as applied to health, physical growth, athletic ability and achievement. The aim of the course is to provide the prospective teacher with the means of estimating physical fitness and evaluating changes in knowledge, skills, and attitudes as a result of instruction.

36. Techniques of Minor Sports 2 hours

An analysis of such sports as handball, volleyball, softball, tennis, badminton, ping pong, and bowling. Attention is given to selection and care of equipment. Principles of selection and evaluation of teaching methods are developed. (Offered in 1959-60.)

PHYSICAL EDUCATION 129

Suggested Program of Courses for the B.S. Degree with Physical Education as Major Sequence

FRESHMAN YEAR

	Semester	Hours	
Biology 11, 12 -----	4	4	Zoology; Human Anatomy and Physiology
English 3-4 -----	3	3	Rhetoric and Composition
History 11-12 -----	3	3	Development of Western Institutions
Humanities 27, 25 -----	2	2	Art: History and Appreciation; Music Art Forms
Philosophy 12 -----	3		Logic
Religion 1 -----		3	Christian Morality
Science Requirement -----	2	2	Chemistry 5, Geology 5; Physics 5 and Physics 7
	—	—	
	17	17	

SOPHOMORE YEAR

Biology 25 -----	3	Personal and Community Health
Education 19, 30 -----	3	Principles of Secondary Education; Educational Psychology
Humanities 23-24 -----	2	World Literature
Mathematics 5 -----	3	General Mathematics
Philosophy 21 -----	3	Philosophy of Man
Physical Education 16 -----	2	First Aid and Safety
Religion 21 -----	3	Christ in the Scriptures
Speech 15 -----	2	Fundamentals of Speech
Second Teaching Area -----	3	3
	—	
	16	16

JUNIOR YEAR

Education 32 -----	3	General Methods
Education 39, 49 PE -----	4	Counseling; Special Methods
Physical Education 31, 30 -----	3	History and Principles; Public Recreation and Camp Activities
Physical Education 33, 32 -----	2	Gymnastics; Baseball and Track
Physical Education 35 or Education 37, 34 -----	3	Measurements in Physical Education; or Educational Tests and Measurements; Kinesiology
Physical Education 38 -----	2	Principles and Techniques of Physical Therapy
Philosophy 31 -----	3	Metaphysics
Religion 31 -----	3	God and Creation
Second Teaching Area -----	3	2
	—	
	18	18

SENIOR YEAR

Education 46 -----	4	Student Teaching: High School Activities for Elementary Grades; Minor Sports
Physical Education 41, 36 -----	2	Coaching Football; H.S. Athletics
Physical Education 43, 44 -----	3	Adm. Health and Physical Education; P.Ed. & Intramural
Physical Education 45, 46 -----	2	Coaching Basketball
Physical Education 48 -----	3	
Philosophy, upper level -----	3	
Religion 43, 44 -----	3	Christian Morality; Christology
Second Teaching Area -----	3	3
	—	
	18	18

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38. Principles and Techniques of Physical Therapy 2 hours

This course is designed to study the various special fields of physical rehabilitation with special emphasis upon the use of such agents as exercise, massage, heat, water, electricity and various forms of radiation. The course emphasizes the correct use of personal and field equipment, support procedures and therapeutic aids. Laboratory work includes practical techniques in the clinical use of supporting apparatus physiotherapy. Two lectures; one laboratory period per week.

41. Activities for Elementary Grades 2 hours

An analysis of dramatic play, games, rhythms, self-testing activities, playground procedures, and safety measures used in a modern program in the area. Principles of selection and evaluation of activities and teaching methods are developed.

43. Coaching of Football 3 hours

Theory and practice of the fundamentals of football. A study of the history, rules, strategy, styles of attack and defense, organization of practice, individual and team conditioning, officiating and other coaching problems involved in this sport. Three lectures and one laboratory period per week. (Offered in 1959-60.)

44. Administration of High School Athletics 2 hours

A detailed study of the rules of the National Federation of State High School Associations as well as a thorough study of State Athletic Association with emphasis upon eligibility rules and decisions in the State of Indiana. Included in the course are such topics as the purchase and care of athletic equipment, standards for athletic facilities, finances and budgets as related to high school athletic program. (Offered in 1960-61.)

Prerequisite: Physical Education 31.

45. Organization and Administration of Health Education 3 hours

The principles, materials and problems of health education. Relation of the school health program to other health agencies. Instruction in the proper use of federal, state, and commercial publications and aids to health education. Examinations, reports, and remedial measures. State health regulations.

46. The Organization and Administration of Physical Education and Intramural Sports 3 hours

Consideration is given to the grouping of students, records of participation and progress, management of gymnasium and playground, finance and public relations. A study of the units of competition, time schedules, methods of organizing participation, scoring plans, rules and regulations for individuals and groups.

48. Coaching of Basketball 3 hours

Theory and practice of the fundamentals of basketball. A study of the history, rules, strategy, styles of play, organization of practice, individual and team conditioning, officiating and other coaching problems connected with this sport. Three lectures and one laboratory period per week. (Offered in 1960-61.)

51. Honors Seminar in Physical Education 3 hours

DEPARTMENT OF PHYSICS

The courses in the Department of Physics are designed: 1. To impart an understanding of basic principles and through classroom discussion and supervised laboratory work to inculcate the habit of precise observation of phenomena. 2. To prepare the student for the teaching of physics in secondary schools.

For a minor sequence in physics twelve semester hours in upper-level courses are required, including Physics 31 and 41 or 42. Physics 21-22 is prerequisite for upper-level courses.

Laboratory fees: Physics 21, 22, 23, and 24, each \$10.00. Physics 31 and 46, each \$15.00.

COURSES IN PHYSICS

5. Principles of Physics 2 hours

This course is intended for non-Science majors. Basic principles of physics to be discussed are included from the fields of mechanics, heat, electricity and optics. The underlying theme is energy and the treatment is descriptive rather than mathematical, although the latter is not entirely excluded.

7. Introductory Astronomy 2 hours

This course is intended for non-Science majors. The subject matter includes the Universal Law of Gravitation and Orbital Motion as exemplified in our solar system and in artificial satellites. It also includes the various astronomical instruments and their use in the study of the stars and galaxies.

21-22. College Physics 8 hours

A course introducing the student to the fundamental principles of mechanics, heat, sound, light, and electricity. Three lectures and one three-hour laboratory period each week.

Prerequisites: Mathematics 11, 12, 13, 14.

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23-24. Engineering Physics 10 hours

Lectures, recitations, problems and laboratory work dealing with the fundamental laws of mechanics, heat measurements, sound waves, electric and magnetic phenomena, geometric and physical optics and a brief survey of modern physics. Required course for pre-engineering students. Four lectures and one three-hour laboratory period each week through two semesters.

Prerequisites: Mathematics 11, 12, 13, 14.

31. Electric and Magnetic Circuits 3 hours

Measurements of resistance, electromotive force, potentials, current, self and mutual induction, magnetic fields, Ohm's law, Kirchhoff's law, networks, bridges, ballistic galvanometer. Two lectures and one three-hour laboratory period each week.

Prerequisites: Physics 23-24.

41-42. Modern Physics 6 hours

A two semester course in general physics with emphasis on recent developments, wave motion, electromagnetic radiation, kinetic theory of gases, specific heats and heat of radiation, photoelectric effect, x-rays, Bohr theory of spectra, quantum mechanics, nuclear physics, cosmic rays, and relativity. Three lectures each week.

Prerequisites: Physics 21-22 and Mathematics 11, 12, 13, 14.

43. Statics 3 hours

This course treats the fundamental principles of statics: forces, movements of force, couples, systems of force, addition and subtraction of forces, equilibrium of systems, stresses and strains, moments of inertia. Three lectures each week.

Prerequisites: Physics 23-24.

44. Dynamics 3 hours

A lecture course dealing with rectilinear and curvilinear translation, rotation, plane motion, motion of particle and system of particles, force, mass and acceleration, work and energy, impulse and momentum and periodic motion.

Prerequisites: Physics 23-24.

46. Electronics 3 hours

A study of basic principles of the vacuum tube: electron theory, thermionic emission, diode, triode, multiple electric tube and its static and dynamic characteristics, and the function of the vacuum tube. Two lectures and one three-hour laboratory period each week.

Prerequisite: Physics 21-22.

51. Honors Seminar in Physics 3 hours

DEPARTMENT OF POLITICAL SCIENCE

The Political Science program provides the student with an opportunity to gain an understanding of the role of government in modern society. An acquaintance with basic problems posed both by and for modern government is indispensable to a liberal arts education and is prerequisite for responsible professional and civic judgment today.

Political Science is a tried preparation for law, journalism and practical political participation. At the graduate level it is also a recognized profession for government career administration or research and high school or college teaching.

Economics 21-22 (Principles of Economics) is a graduation requirement for majors in Political Science. (Seniors of 1962.)

The Political Science major requires 24 hours of upper-level courses. The following are required for 1962 seniors: Political Science 35, 41, and 42.

COURSES IN POLITICAL SCIENCE

21. Introduction to Political Science 3 hours

The student is introduced to the basic concepts of Political Science with emphasis on their ethical aspect.

22. American Government 3 hours

A study of U.S., state and local government structures, functions and current problems.

33. Political Parties and Pressure Groups 3 hours

The democratic process in the U.S. is studied as a function of the two major parties and the major economic and social pressure groups.

34. Comparative Government 3 hours

The constitutional forms and methods utilized by four major foreign powers—Great Britain, Germany, France and the U.S.S.R. Their elements of strength and weakness are compared with the U.S. system.

35. Introduction to Constitutional Law 3 hours

An analysis of fundamental U.S. Supreme Court decisions affording the student, particularly the prospective law student, a first-hand experience in reading law.

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Suggested Program of Courses for the B.A. Degree with Political Science as a Major Sequence

FRESHMAN YEAR

		Semester	
		Hours	
English 3-4 -----	3	3	Rhetoric and Composition
History 11-12 -----	3	3	Development of Western Institutions
Humanities 25, 27 -----	2	2	Music Art Forms; Art: History and Appreciation
Philosophy 12 -----	3		Logic
Politics 21-22 -----	3	3	Introduction to Political Science; American Government
Religion 11 -----		3	The Sacred Liturgy
Science Requirements -----	2	2	Chemistry 5, Geology 5; or Physics 5, Physics 7
		— —	
		16 16	

SOPHOMORE YEAR

Biology 5 -----	3	Principles of Biology
Economics 21-22 -----	3	Principles of Economics
History 23-24 -----	3	American Civilization I-II
Humanities 23-24 -----	2	World Literature
Mathematics 5 -----	3	General Mathematics
Philosophy 21 -----	3	Philosophy of Man
Religion 21 -----	3	Christ in the Scriptures
Speech 15 -----	2	Fundamentals of Speech
Elective -----	3	
	— —	
	16 17	

JUNIOR YEAR

Political Science 33, 34 -----	3	3	Political Parties; Comparative Government
Political Science 37, 44 -----		6	Government and Business; International Relations
Philosophy 31 -----	3		Metaphysics
Religion 31 -----	3		God and Creation
Minor Sequence -----	3	3	
Electives -----	3	3	
	— —		
	15 15		

SENIOR YEAR

Economics 49 -----	3	Catholic Social Teaching
Political Science 21-42 -----	3	Ancient and Medieval Political Philosophy; Modern Political Philosophy
Political Science 35, 39 -----	6	Introduction to Constitutional Law; Public Administration
Philosophy, upper level -----	3	
Religion 43, 44 -----	3	Christian Morality; Christology
Minor Sequence -----	3	3
Electives -----		5
	— —	
	18 17	

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37. Government and Business 3 hours

A study of the foundations of governmental intervention in business and the activities in which it currently engages in relation to business with emphasis on federal legislation as applied to social security, labor relations and the maintenance of competition as expressed in the pertinent Supreme Court decisions. (Same as Bus. Ad. and Econ. 37.)

39: Public Administration 3 hours

The role of administration in modern U.S. Government with attention to the problems of organization, personnel, fiscal affairs, bureaucratism and policy making.

40. Public Finance 3 hours

A study of the principles of finance in government. Topics to be considered will include public revenues and expenditures, taxation, public debt, governmental budgeting and fiscal policy. (Same as Economics 40.)

41. Ancient and Medieval Political Philosophy 3 hours

An introduction to the perennial problems of social life: justice, law, the common good as evaluated by Plato, Aristotle, St. Thomas Aquinas and others.

42. Modern Political Philosophy 3 hours

A history of later political thought as represented in the currents of rationalism, positivism, the American founding fathers and Christian pluralists.

44. International Relations 3 hours

The problems of international relations as exemplified by the U.S. in its role as a world power since 1900 together with attention to international law.

50. Pro-seminar In Political Science 3 hours

Directed individual readings of original, major writings with bibliography in the field.

51. Honors Seminar in Political Science 3 hours

DEPARTMENT OF PSYCHOLOGY

The Department of Psychology has a threefold purpose: to convey to the student an understanding and appreciation of the basic concepts and the precise methods used by this adolescent science; to give to the student a better understanding of himself and his fellowmen; to qualify him for entrance into graduate schools in the field.

For a Minor sequence in Psychology twelve semester hours in upper level courses are required, including **Differential Psychology** and **Theories of Psychoanalysis**. Prerequisites for upper-level courses are **Human Anatomy and Physiology** (Biology 22), **General Psychology** and **Experimental Psychology**.

COURSES IN PSYCHOLOGY

10. General Psychology **3 hours**

This course provides a general survey of the whole field of Psychology. Fundamental concepts of physiological, experimental, motivational, analytical, and abnormal, as well as of psychological testing and the psychology of learning are discussed.

32. Experimental Psychology **4 hours**

This course concerns itself with the way the body reacts to different situations. The functionings of the external and internal senses, sense learning and the various physical drives which constitute a part of human motivation are treated in detail. In the laboratory special emphasis is placed on the methods for studying these functions.

Prerequisite: **Elementary Statistics** (Educ. 35)

40. Differential Psychology **3 hours**

Individual variations with regard to intellectual, emotional and psychic functions together with the causes of these differences form the backbone of this course. The influence of heredity and environment, race, creed, nationality, majority-minority groups upon the individual are treated in detail.

34. Theories of Psychoanalysis **3 hours**

The contributions of Freud, Jung, Adler, Allers, Fromm, Horney, Sullivan and others are discussed in detail. Particular emphasis is placed upon application of these theories to the normal person as an aid to better self-knowledge and self-realization.

33. History of Psychology **3 hours**

A survey of psychology against a background of modern and contemporary philosophy. The course comprises perspectives on the

beginnings of psychology in Germany and France, the experimentalists in America, psychology of the subject, psychology of the subconscious, gestalt psychology and phenomenological psychology with some consideration of the existential analysts.

- 37. Tests and Measurements Educ. 37
- 39. Counseling and Guidance. Educ. 39.
- 41. Child Psychology. Educ. 41.
- 42. Mental Hygiene. Educ. 43.

DEPARTMENT OF RELIGION

In a college that is avowedly Catholic and dedicated "toward the spread, preservation, clarification, discovery and defense of truth . . . whether revealed or acquired," the function and importance of courses in Religion are obvious. Accordingly, six semester hours on the lower level and nine on the upper level are obligatory for all Catholic Students. Included must be courses 11, 21, 31, 43 and 44. Non-Catholic students are required to take Philosophy 36, Ethics, in place of religion requirements.

A minor sequence in the Department of Religion consists of a minimum of twelve semester hours on the upper level. Those wishing to major in Religion are referred to the Department of Theology.

COURSES IN RELIGION

11. The Sacred Liturgy	3 hours
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This course is presented in the light of the current restoration of the worship rendered to God by the Mystical Body of Christ in the entirety of its Head and members, with particular emphasis on the meaning of the ceremonies of the Roman Rite, the role of the layman in the Mass and the Sacraments, and the proper and fruitful manner of participating therein.

21. Christ in the Scriptures	3 hours
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After a brief consideration of the inspiration, canon, transmission and interpretation of the Bible, this course develops the principal theme of the whole Bible: namely, Christ as the manifestation and fulfillment of God's love for mankind through revelation and salvation, in particular, as recorded in the books of the New Testament.

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30. Christian Marriage 3 hours

Catholic moral teaching is applied to the daily life of the Christian in the world, with a special study of individual and social problems involved in courtship, marriage, and family.

31. God and Creation 3 hours

Revealed truth as defined in the dogmas of the Church is presented in a systematic manner under the headings of the One God, the divine Trinity, Creation and Providence.

32. Apologetics 3 hours

Apologetics leads the student to an understanding of the Church as founded by Christ and to a defence of it as a great and perpetual motive of credibility of the Catholic faith.

35. Liturgy for the Layman 3 hours

This course, by acquainting the layman with the liturgy of the Church, prepares him to participate in her ceremonies with understanding and profit.

41. The Old Testament 3 hours

This course studies the history of the chosen people of God as a providential preparation for the mission of Christ, supplemented by copious readings from the historical, prophetic and sapiential books of the Old Testament. (Offered 1961-62.)

42. The New Testament 3 hours

This course includes introductory materials to the study of the New Testament and treats particularly the four Gospels as the inspired life of Christ. (Offered in 1960-61.)

43. Christian Morality 3 hours

This course is a study of fundamental moral principles and of the Christian virtues. It treats the end of man, human acts, law, conscience and virtue in general, with special emphasis on the practical application of these truth to modern problems, individual and social.

44. Christology 3 hours

This course considers the truths of divine Revelation as defined by the Church in relation to the central mystery of Redemption. It studies the Fall of Man, the Incarnation and Redemption, the Church, the sacramental system, and Mariology.

Suggested Program of Courses for Students Wishing to Qualify for Admission to a Major Theological Seminary after the Sophomore Year.

FRESHMAN YEAR

	Semester	Hours	
English 21, 22 -----	3 3		Introduction to Literary Studies; The English Language
Greek 1-2 -----	3 3		Elements of New Testament
Humanities 25, 27 -----	4		Music Art Forms; Art: History and Appreciation
Latin 5, 6 -----	3 3		Cicero; Horace
Latin 7-8 -----	1 1		Latin Composition I
Religion 11 -----	3		The Sacred Liturgy
Science -----	3 3		Mathematics 11, 12 or Biology 5, Mathematics 5
	— —		
	16 17		

SOPHOMORE YEAR

Economics 28 -----	3	Elements of Economics
Greek 21 -----	3	The Greek New Testament
Humanities 23, 24 -----	2 2	World Literature
Latin 21, 22 -----	3 3	Livy; Latin Hymns and Ecclesiastical Writers
Latin 25-26 -----	1 1	Latin Composition II
Philosophy 12 -----	3	Logic
Religion 21 -----	3	Christ in the Scriptures
Speech 15 -----	2	Fundamentals of Speech
Electives -----	3 6	Electives in the teaching area
	— —	
	17 18	

THE DEPARTMENT OF SOCIOLOGY

The Department of Sociology offers both a major and a minor sequence each intended to train the student in scientific attitudes toward human behavior and social interaction, but allowing for differences in both academic and professional goals.

Lectures, exercises and projects are designed to observe and analyze social realities rather than to evaluate or control them.

Majors in Sociology have found such training widely welcomed in applicants to Graduate Schools of Law, Social Work, Teaching, Business and Medicine. Majors and minors find it an aid in entering industrial and personnel management in-training programs, community and industrial counseling organizations, and many other types of careers where efficient and adequate social awareness is a premium.

MAJOR AND MINOR REQUIREMENTS AND RECOMMENDATIONS

Majors and minors in Sociology are required to take Sociology 21 and 22 and 31 in their proper sequence. These courses develop fundamental concepts and basic techniques for observing human behavior; the training and habits acquired at this level of instruction are assumed throughout the major and minor programs.

Majors are further required to take Sociology 32. While Sociology 35 is not required, Majors are strongly urged to avail themselves of this course and twelve hours in a foreign language, especially if they contemplate graduate work in any specialized social science or educational field.

Minors are encouraged to elect as their interests and special talents dictate from the upper level courses. They should be aware, however, that Major interests and demands in many upper level courses, in terms of independent research as well as group projects, will offer special challenges to them. This is especially true if Sociology 34, Sociology 41, Sociology 43, or Sociology 44 are elected.

Upper level seminars Sociology 49, 50 are only for Majors who have maintained at least a B average in their work.

COURSES IN SOCIOLOGY

Junior Program

21. General Sociology I 3 hours

The person and the group. Socialization. Primary Groups: family, play and neighborhood. Secondary Groups: social classes, ethnic groups, minorities.

22. General Sociology II 3 hours

Primary associations and collective behavior. Population composition and change. Urban Ecology. Industrial, political and religious structures in American society.

31. Basic Methodology 3 hours

Empirical analysis and scientific method in the study of human behavior. Principal sources of data. Questionnaires and interviewing. Scale analysis. Elements of tabulation and graphing. Elementary statistical procedures.

32. Public Opinion and Social Control 3 hours

The nature of social control. Ideology. Language and symbolic controls. The institutions of control.

33. The American Family 3 hours

The field of family sociology. The structure of the American family. The functions of the American family within the institutional framework of American Society.

34. Urban Area Analysis 3 hours

The human person in the complexity of the modern city. Community and Association ties. The direction of city growth and the possibility of new urban forms.

35. Elementary Statistics 3 hours

See Education 35.

36. Industrial Sociology 3 hours

Industrial organization as a social system. Human values and productivity.

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Suggested Program of Courses for the B.A. Degree with Sociology as a Major Sequence

FRESHMAN YEAR

	Semester	Hours	
Biology 5 -----	3		Principles of Biology
English 3-4 -----	3	3	Rhetoric and Composition
History 11-12 -----	3	3	Development of Western Institutions
Humanities 23-24 -----	2	2	World Literature
Philosophy 12, 21 -----	3	3	Logic; Philosophy of Man
Religion 11 -----		3	The Sacred Liturgy
Science Requirement -----	2	2	Chemistry 5; Geology 5; or Physics 5; Physics 7
	—	—	
		16 16	

SOPHOMORE YEAR

German or French 1-2 -----	3	3	Introductory German or French
Humanities 25 and 27 -----	2	2	Music Art Forms; Art: History and Appreciation
Mathematics 11, 12 -----	3	3	College Mathematics
Philosophy 31 -----		3	Metaphysics
Religion 21 -----	3		Christ in the Scriptures
Sociology 21-22 -----	3	3	General Sociology
Elective -----		3	
Speech 15 -----	2		Fundamentals of Speech
	—	—	
		16 17	

JUNIOR YEAR

German or French 21-22 -----	3	3	Intermediate German or French
Minor Sequence -----	3	3	
Economics 49 -----		3	Catholic Social Teaching
Philosophy 33 -----	3		Cosmology
Religion 30, 31 -----	3	3	Christian Marriage; God and Creation
Sociology 31-32 -----	3	3	Methods; Public Opinion
Sociology 33 or 35; 34 or 36 -----	3	3	American Family; Statistics; Urban Area Analysis; Industrial Sociology
	—	—	
		18 18	

SENIOR YEAR

Minor Sequence -----	3	3	
Philosophy 38, 46 -----	3	3	Epistemology; Philosophy of Science
Religion 43, 44 -----	3	3	Christian Morality; Christology
Sociology 41 or 43 or 45; 42 or 44 or 46 -----	6	6	Staratification; Social Organization; Ethnic Groups; Theory; Religion; Criminology
Sociology 49, 50 -----	(3)	(3)	Seminars
	—	—	
		15 15	

Senior Program

38. Sociology of Education 3 hours

The school and society. The function of the school as an agent of culture transfer. Detail of current analyses. Projects. (Same as Education 44.)

41. Social Stratification 3 hours

The literature of social class and stratification. Principal methodological problems. Current interests in social class analysis. Field problems.

42. American Social Organization 3 hours

An examination of the social structure of contemporary America and of the factors inducing social change. Particular attention is given to the social implications of the Catholic basis for social reorganization.

43. Introduction to Sociological Theory 3 hours

A review of the variety of theories and the assumption behind them in the origin and development of sociological analysis during the past one hundred years. Special effort is made to develop research designs from the best in theories of the past.

44. The Sociology of Religion 3 hours

Religion and social custom. The development of religious thought as influenced by social factors. Religious practice as a culture variable.

45. American Ethnic Groups 3 hours

Major institutional forms of the Irish, Polish, German, Italian and Spanish immigrants. The meaning in the homeland; the effect of its transplanting. American cultural pluralism.

46. Criminology 3 hours

Crime as a social phenomenon. The incidence, distribution and etiology of criminal behavior. Types of criminals. Changing beliefs and practices in dealing with the criminal.

49. Pro-seminar: Sociological Research Design 3 hours

50. Pro-seminar: The Individual and the Group 3 hours

51. Honors Seminar 3 hours

COURSES IN SPANISH

1-2. Introductory Spanish 6 hours

Drill in the basic grammatical rules with emphasis on the development of reading and ^{initial} conversational ability. Written exercises are required.

21-22. Intermediate Spanish 6 hours

Review of grammatical forms. Advanced grammar and syntax. Reading of graded texts. Practice in conversation and written reports.

31-32. Spanish Literature 6 hours

Survey of Spanish literature from its beginnings to modern times. Selected readings from the most important authors. Written and oral reports. (Offered in 1958-59.)

35. Advanced Conversation and Composition 6 hours

36 Systematic and intensive drill in Spanish oral practice. Written and oral composition. Readings and subjects for discussion are assigned.

Prerequisite: Spanish 21-22 or equivalent.

36. Commercial Spanish 3 hours

~~Drop~~ Study of the language used in business, its forms and idioms. Special attention is given to letter writing and other business documents.

41-42. Spanish-American Literature 6 hours

A survey of Spanish American literature with emphasis on the nineteenth and twentieth centuries. Selected readings from representative authors from the various countries. (Offered in 1957-58.)

DEPARTMENT OF SPEECH

The aims and purposes of the Department of Speech are: 1. To instill an understanding and appreciation of the Aristotelian tradition of oral rhetoric and its function in a liberal education; 2. to develop the student's resources, ability, and facility for the spoken communication of thought and emotion; 3. to foster an appreciation of Radio, Television, and the Theatre in our culture.

For the minor sequence in speech the student must show a minimum of twelve semester hours in upper-level courses.

Speech 15 is a prerequisite for all upper-level courses.

COURSES IN SPEECH

15. Fundamentals of Speech 2 hours

The basic course for all students. History of speech education, overcoming stage fright, bodily action and gesture, language for speaking, outlining, types and modes of public address, voice, articulation, and pronunciation, survey of areas in the field of speech. Each student shall deliver between five and eight speeches during the semester.

18. Voice and Articulation 2 hours

Emphasis placed on achieving acceptable and pleasing voice and articulation. Content shall include: physical bases of speech, group reading, individual work, drills and exercises.

23. Argumentation and Debate 3 hours

Preparing the brief, developing the argument, informal and formal debate, strategy. Practice debates.

25. Fundamentals of Acting 3 hours

Designed to acquaint the student with the basic theory of acting and its practical applications to drama and the theatre. Emphasis is placed upon interpretation, characterization, and dramatic action. Participation in student productions is required.

31. Public Speaking 3 hours

Theory and practice of audience analysis as it relates to topic selection, speech organization and presentation within the traditional speech-type framework of narrative, argumentative, informative, and persuasive speeches. Prerequisite Sp. 11 or permis of Inst.

32. Group Discussion 2 hours

The content and methodology of participation and leadership in group problem-solving activities.

33. Play Production 2 hours

A study and application of the technical aspects of play production as they relate to the theatre. Practice in making a prompt book, stage lighting, scene design, set construction, and costuming. Participation in student productions is required.

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35. Oral Interpretation of Literature 3 hours

The development of the student's abilities in reading aloud through exercises in the analysis and communication of the logical and emotional content of the printed page. Special attention will be given to a study of the form and content of poetry as they affect the understanding and performance of the oral interpreter.

41. Elements of Speech Improvement 3 hours

Diagnosing simple speech defects and disorders, nasality, lisp-ing, omissions, additions, substitutions, inversions. Theory of improv-ing simple defects and disorders. Prerequisite Sp. 11 or permis of Inst.

43. Oral Interpretation of the Modern Drama 2 hours

A study of the forms and content of modern drama (Ibsen to the present day) as they affect the understanding and performance of the oral interpreter. Prerequisite Sp. 11 or permis of Inst.

DEPARTMENT OF THEOLOGY

In addition to the regular courses in Religion, the Department of Theology offers a series of special courses in Theology during the Summer Session. Students who have a bachelor's degree from a recog-nized Catholic College or University and complete the requirements of the four-summer program (plus a Comprehensive Examination) may receive a B.A. in Theology. Those who do not have a bachelor's degree may qualify for (a) a certificate in Theology, or (b) a B.A. in Theology by fulfilling catalogue requirements. Details of the special program are given in the Summer Session Bulletin.

COURSES IN THEOLOGY

Introductory Courses—Offered Every Summer

S 50. Introduction to Sacred Theology 3 hours

The nature and concept of Sacred Theology, theological sources and theological method presented in historical backgrounds.

S 51. Introduction to Scripture 3 hours

The nature and extent of divine inspiration, the canon, trans-mission of text, biblical hermeneutics, studied in the light of the Church's decisions. The New Testament study is concerned particularly with the Historic Christ, His Kingdom in terrestrial and celestial aspects, the primitive Church, the universal mediation in the Pauline Epistles, presented in the conviction that "to be ignorant of the Scrip-tures is to be ignorant of Christ."

1961 Summer Session

S 59. Special Moral Theology 3 hours

The practical application of the principles taught in general moral. Special questions confronting those who train youth are given preference; respect and obedience, modesty and chastity, the youth apostolate, and so forth.

S 57. Canon Law 3 hours

A brief history of canon law. General norms; the law concerning persons, religious, and the sacraments. The course aims at a practical knowledge and use of the law governing religious communities.

1962 Summer Session

S 52. The Triune God 3 hours

The One God as known by reason and revelation; the Divine Trinity; God's life within Himself; God the Creator or the procession of creatures from God; the Fall of Man.

S 53. The Incarnation and Redemption 3 hours

The truths of the Incarnation and Redemption in the light of the historic decisions of the Church and the development of the doctrine in the teaching of the Fathers. The doctrinal basis for study of Mariology and the special devotions.

1963 Summer Session

S 54. The Sacraments 3 hours

The seven sacraments as the fruits of Redemption, and as centering in the Holy Eucharist as Sacrament and Sacrifice, as the basis of cult and of prayer, and as the principal means of grace.

S 58. General Moral Theology 3 hours

A summary of moral theology, studied historically in the light of its development and Thomistic synthesis. The Christian moral teaching is presented as resting in divine and supernatural virtues.

APPENDIX I
REGISTER OF STUDENTS 1959-1960

ACHEBE, Willy C.	Abagana via Onitsha, Nigeria
ACKERMAN, John J.	Fort Wayne, Indiana
ADLER, Thomas M.	Chicago, Illinois
ADZIMA, Michael B.	Whiting, Indiana
AHLER, Kenneth J.	Medaryville, Indiana
ALBERS, Thomas L.	Munster, Ohio
ALSPAUGH, Ronald J.	Delphos, Ohio
ALVAREZ, Eugenio	Pitrufquen, Chile
AMBROSE, Walter F.	Elmwood Park, Illinois
ANDERSON, Robert O.	North Arlington, New Jersey
ANDORFER, Paul E.	Fort Wayne, Indiana
ANDREOTTA, Joseph M.	Middletown, Ohio
ARCE, Michael E.	Royal Oak, Michigan
ARIENS, Thomas F.	W. DePere, Wisconsin
ARMSTRONG, Peter J.	Portsmouth, Ohio
ARNDT, Earl W.	Chicago, Illinois
ATKINSON, James L.	Gas City, Indiana
BABIONE, John C.	Fremont, Ohio
BAILEY, Roy L.	Griffith, Indiana
BAKER, Gerald F.	Decatur, Indiana
BALTZ, James H.	Detroit, Michigan
BANKERT, Edward J.	Chicago, Illinois
BANKS, Kenneth J.	Rensselaer, Indiana
BARA, Leonard J.	Chicago, Illinois
BARATH, Joseph P.	Chicago, Illinois
BARTELS, John M.	Milwaukee, Wisconsin
BARTHOLOMY, Patrick W.	Fort Wayne, Indiana
BATISTICK, James A.	Parma, Ohio
BAUMANN, John R.	Star City, Indiana
BAUMEISTER, Harold J.	Fairview Park, Ohio
BAUMGART, Donald J.	Gary, Indiana
BEAM, David M.	Louisville, Kentucky
BEAUDOIN, James O.	Owosso, Michigan
BECKMAN, Gerald L.	Milwaukee, Wisconsin
BECOFSKE, Robert A.	Chicago, Illinois
BEEMSTERBOER, George L.	Dayton, Ohio
BELLUCCI, Frank J.	Antioch, Illinois
BELLUCCI, John B.	Antioch, Illinois
BENDER, John W.	Toledo, Ohio
BENDER, Steven M.	Fort Wayne, Indiana
BENDIS, Theodore S.	Whiting, Indiana
BERAN, David A.	Chicago, Illinois
BERG, Roger M.	Chicago, Illinois
BERGEN, Philip L.	Dayton, Ohio
BERGER, Arthur E.	Mt. Clemens, Michigan
BERGMAN, Frank A.	Chicago, Illinois
BERNIER, Maurice F.	Pomona, California
BERNINGER, Roy J.	Clarks Hill, Indiana
BERTSCHE, Bernard B.	Chicago, Illinois
BEST, Joseph H.	Morocco, Indiana
BIAN, Donald J.	Elmhurst, Illinois
BIEHL, James W.	Cincinnati, Ohio

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BIEDAKIEWICZ, Ronald M.	Chicago, Illinois
BIELFELDT, Gerald R.	Chicago, Illinois
BIERNAT, James M.	Detroit, Michigan
BIGGERSTAFF, Dennis H.	Hammond, Indiana
BILLINGS, Stewart R.	Indianapolis, Indiana
BILLY, Raymond J.	Ashtabula, Ohio
BLAIS, Lawrence M.	Chicago, Illinois
BLAJSCZAK, Stephen J.	Gary, Indiana
BLAKE, Thomas J.	Chicago, Illinois
BLANC, Louis A.	Peoria, Illinois
BLANZY, James J.	Gaylord, Michigan
BLAZ, Alfred G.	Agana, Guam
BLOCH, William J.	Chicago, Illinois
BLUME, John F.	Chicago, Illinois
BOCK, Walter J.	Chicago, Illinois
BOGNER, Kenneth R.	Hammond, Indiana
BOGUSKI, Ronald T.	Downers Grove, Illinois
BOLAND, Patrick J.	Chicago, Illinois
BONATO, Ronald L.	Chicago, Illinois
BOTON, Joseph L.	Chicago, Illinois
BOWLER, George F.	Lombard, Illinois
BOYLE, John M.	Chicago, Illinois
BRADY, Matthew J.	New Augusta, Indiana
BRADY, Thomas L.	Dodge City, Kansas
BRAND, Kenneth J.	Indianapolis, Indiana
BRAUNBECK, William A.	New Albany, Indiana
BRAY, Charles P.	Saginaw, Michigan
BREMAN, Joseph A.	Fort Wayne, Indiana
BRENNAN, John T.	Berea, Ohio
BRESNAHAN, Patrick M.	S. Whitley, Indiana
BRESTENSKY, Dennis F.	Brackenridge, Pennsylvania
BRIDEGROOM, Thomas B.	Leiters Ford, Indiana
BROCKMAN, Melvin T.	Wood Dale, Illinois
BROSnan, James G.	Chicago, Illinois
BROWN, Charles D.	Arlington, Virginia
BROWN, John A.	Pontiac, Michigan
BROWN, Joseph L.	St. Marys, Ohio
BROWN, Thomas K.	Bensenville, Illinois
BRUDENELL, Gerald R.	Villa Park, Illinois
BRUIN, James E.	Lima, Ohio
BUBALA, Benedict M.	Whiting, Indiana
BUCHANAN, Hubert E.	Austin, Indiana
BUCHKO, Michael J.	Gary, Indiana
BUDNICK, Thomas A.	Detroit, Michigan
BUDZIELEK, Ron	Hobart, Indiana
BUESE, Joseph H.	Alma, Michigan
BUETTNER, Thomas A.	Chicago, Illinois
BUHRMAN, Bro. Philip	Rensselaer, Indiana
BUMBALES, Stanley R.	Gary, Indiana
BURGESS, John W.	Chicago, Illinois
BURNS, Michiael D.	Defiance, Ohio
BURNS, Richard L.	Goodland, Indiana
BURROWS, Gerald F.	Ionia, Michigan
BUSCARINI, Tom A.	Chicago, Illinois
BUSCH, Thomas W.	Cleveland, Ohio

150 SAINT JOSEPH'S COLLEGE

BUTLER, Dennis T.	Norridge, Illinois
BUTLER, John R.	Chicago, Illinois
BYRD, Philip T.	Franklin Park, Illinois
BYRNE, William M.	Oak Park, Illinois
CABALA, Anthony J.	Calumet City, Illinois
CACCAMO, Frank R.	Chicago, Illinois
CACCHIONE, Paul E.	North Pelham, New York
CALDANARO, Tony A.	Wheatfield, Indiana
CALDERONE, Anthony M.	Battle Creek, Michigan
CALGARO, Eugene G.	Chicago Heights, Illinois
CALLANAN, Joseph G.	Detroit, Michigan
CANNOOT, Kenneth A.	Mishawaka, Indiana
CAPPELLI, Robert R.	Chicago, Illinois
CARCIONE, Anthony W.	Fort Wayne, Indiana
CAREY, Harold W.	Chicago, Illinois
CAREY, James J.	Chicago, Illinois
CARLIN, John B.	Detroit, Michigan
CARPENTER, Thomas D.	Gary, Indiana
CARR, Thomas J.	Wapakoneta, Ohio
CARRABINE, John J.	Gary, Indiana
CARROLL, Kenneth V.	Chicago, Illinois
CARSE, George S.	Summit, New Jersey
CARTER, Casimer L.	Mt. Clemens, Michigan
CARTER, George D.	Blue Island, Illinois
CASELLA, Bernard T.	Chicago, Illinois
CASEY, Bernard J.	Chicago, Illinois
CASEY, Daniel F.	Knox, Indiana
CASEY, Melvern M.	Chicago, Illinois
CASEY, William P.	Chicago, Illinois
CASSIN, William	Chicago, Illinois
CASWELL, James C.	Ionia, Michigan
CATHCART, Robert N.	Muskegon Heights, Michigan
CAVANAUGH, Thomas M.	Lansing, Michigan
CESARZ, Joseph A.	Chicago, Illinois
CHALLIS, Phillip J.	Rensselaer, Indiana
CHARRON, Joseph L.	Seneca, South Dakota
CHIARO, Vincent G.	Chicago, Illinois
CHOVANEC, Stephen J.	Whiting, Indiana
CHRISTENSEN, Jack A.	Michigan City, Indiana
CHRISTIANSON, John N.	Mishawaka, Indiana
CHUROSH, James L. S.	Whiting, Indiana
CIANCIOLA, Philip S.	Chicago, Illinois
CIESLAK, Paul S.	Chicago, Illinois
CINADR, Joseph W.	Cleveland, Ohio
CISKOWSKI, Thomas M.	Milwaukee, Wisconsin
CLARK, Donald W.	Window Rock, Arizona
CLARK, Michael L.	Louisville, Kentucky
CLARK, Warner J.	Rensselaer, Indiana
CLARRISSIMEAUX, David G.	St. Charles, Illinois
CLAUSEN, Glenn R.	Chicago, Illinois
CLEMENS, Dennis D.	Defiance, Ohio
COADY, Ronald R.	Kokomo, Indiana
COCHRANE, Richard J.	Maywood, Illinois
CODY, Phillip F.	Chicago, Illinois

REGISTER OF STUDENTS 151

COGAN, Kevin J.	Chicago, Illinois
COLBERT, William R.	E. Chicago, Indiana
COLE, David J.	Elwood, Indiana
COLLINS, Robert J.	Chicago, Illinois
COMPANIK, John P.	Whiting, Indiana
CONDON, Ronald J.	Oil City, Pennsylvania
CONLON, John L.	Park Ridge, Illinois
CONNAUGHTON, Michael D.	Hamilton, Ohio
CONNELLY, George F.	Chicago, Illinois
CONNOR, Timothy J.	Fort Wayne, Indiana
CONNORS, John C.	Gary, Indiana
CONROY, John T.	Maywood, Illinois
COOK, David E.	Fort Wayne, Indiana
COOLEY, Patrick E.	Decatur, Illinois
CORBETT, Edward J.	Pittsburgh, Pennsylvania
CORMACK, William T.	Oak Park, Illinois
COUGHLIN, Dale E.	Kinsman, Illinois
COUHIG, James K.	Sedalia, Missouri
CREAGER, Harry J.	St. Joseph, Michigan
CREEL, Francis W.	Tulsa, Oklahoma
CROAK, Thomas R.	Woodstock, Illinois
CROCI, Albert H.	Toledo, Ohio
CROOK, James B.	Chicago, Illinois
CROSSE, Michael R.	Chicago, Illinois
CROWLEY, James W.	Oak Park, Illinois
CUMMINGS, Paul A.	Chicago, Illinois
CUNNINGHAM, David L.	Wauwatosa, Wisconsin
CURRY, Joseph T.	Chicago, Illinois
CURTIS, David L.	South Bend, Indiana
CUSICK, Thomas A.	Detroit, Michigan

DABROWSKI, Joseph S.	Chicago, Illinois
DAGON, Thomas J.	Canistee, New York
DALY, Edmund B.	Chicago, Illinois
D'ANGELO, Bernard G.	Chicago, Illinois
DAUSKURDAS, Clement J.	Chicago, Illinois
DEAK, Frank N.	South Bend, Indiana
DEASEY, James M.	Chicago, Illinois
DECKER, Robert L.	Grosse Points Farms, Michigan
DELANEY, James A.	Fort Wayne, Indiana
DELANEY, Thomas E.	Fort Wayne, Indiana
DEL COTTO, Pascale G.	Chicago, Illinois
DEMPSEY, James E.	Chicago, Illinois
DENICOLA, Ronald J. E.	Cincinnati, Ohio
DENO, Douglas W.	Earl Park, Illinois
DETTMER, Lawrence W.	Berwyn, Illinois
DEVEREAUX, Fred J.	Flint, Michigan
DEVEREAUX, Patrick J.	Port Huron, Michigan
DHOOGHE, Russell L.	Berwyn, Illinois
DiCIANNI, Peter P.	Chicago, Illinois
DICKS, Gary R.	Beaumont, Texas
DIENER, Albert J.	Dunkirk, Indiana
DILLON, Timothy E.	Fort Wayne, Indiana
DILLON, William H.	Chicago, Illinois

152 SAINT JOSEPH'S COLLEGE

DINGEMAN, Richard P.	Detroit, Michigan
DIPPLE, Daniel G.	Chicago, Illinois
DISBROW, Donald R.	Richland, Michigan
DLABIK, Charles J.	Perth Amboy, New Jersey
DOBECKI, Glenn A.	South Bend, Indiana
DOBSON, F. Thomas	Madison, Wisconsin
DOHR, Thomas A.	Chicago, Illinois
DOLAN, Edward F.	Chicago, Illinois
DOMAGALA, Gerald M.	Chicago, Illinois
DOMBRO, Robert A.	Chicago, Illinois
DOMBROWSKI, Robert A.	Chicago, Illinois
DOMKE, John W.	Chicago, Illinois
DONAHUE, Donald R.	Cullom, Illinois
DONES, Peter D.	Elmwood Park, Illinois
DOORLEY, Mark J.	New Bremen, Ohio
DORAN, James W.	South Bend, Indiana
DOSCH, Kenneth R.	Muncie, Indiana
DOUGHERTY, Robert E.	Chicago, Illinois
DOWNARD, William L.	Reading, Ohio
DOWNES, Gerald F.	Chicago, Illinois
DOWNEY, Timothy R.	Hammond, Indiana
DOYLE, Michael M.	Cincinnati, Ohio
DRENNAN, John P.	Berwyn, Illinois
DRENNAN, Thomas G.	Berwyn, Illinois
DREW, Daniel C.	Indianapolis, Indiana
DROUILLARD, Richard C.	Muskegon, Michigan
DUBOIS, Robert C.	South Bend, Indiana
DUDECK, Jon A.	South Bend, Indiana
DUFFY, Julian E.	Celina, Ohio
DUNDERMAN, Fred J.	Antwerp, Ohio
DUNN, Michael P.	Hoopeston, Illinois
DURKIN, James M.	Chicago, Illinois
DURKIN, Paul W.	Chicago, Illinois
DWORAK, Stanley W.	Chicago, Illinois
DYE, Nancy J.	Wolcott, Indiana
DYREK, Leroy S.	Chicago, Illinois
DZIADOSZ, William E.	Gary, Indiana

EDMONDS, Nuel F.	Rensselaer, Indiana
EDWARDS, Ray S.	Deerfield, Illinois
EGAN, Harold F.	Lemont, Illinois
EGAN, James M.	Chicago, Illinois
EHLINGER, Robert E.	Defiance, Ohio
EISENHUTT, Leo L.	Crown Point, Indiana
EITING, Lawrence E.	Munster, Ohio
ELENTENY, Raymond B.	Chicago, Illinois
ELLIOTT, Michael A.	Westville, Illinois
ELLSWORTH, James R.	Monticello, Indiana
EMBERGER, Robert A.	Plymouth, Indiana
EMRO, Thomas J.	Whiting, Indiana
ENDRES, John R.	New Philadelphia, Ohio
ENGELGAU, Richard W.	Port Huron, Michigan
ENRIQUEZ, Emilio	Anthony, New Mexico
ERNST, Keith P.	Chicago, Illinois

REGISTER OF STUDENTS 153

ERNST, Robert A.	Chicago, Illinois
ESCHMAN, Elbert E.	Belleville, Illinois
ETTER, Richard A.	Lafayette, Indiana
ETZWILER, David J.	Mansfield, Ohio
EVANS, John R.	Chicago, Illinois
EVANS, Joseph F.	Chicago, Illinois
EVANS, Reginald D.	Hammond, Indiana
EVANS, Sabra S.	Hebron, Indiana
EYERMAN, Frederick L.	Columbus, Ohio

FABER, Thomas L.	Sandusky, Ohio
FABIAN, Louis R.	Houston, Pennsylvania
FALVEY, John P.	Knox, Indiana
FARRELL, Jane A.	Rensselaer, Indiana
FAUCHER, Charles A.	Grosse Ile, Michigan
FAULSTICH, Fred J.	Danville, Illinois
FERENC, James S.	Chicago, Illinois
FETTIG, Mark L.	Dayton, Ohio
FIALA, Louis J.	Brook, Indiana
FIELDS, Robert D.	Detroit, Michigan
FILICE, Robert M.	Chicago, Illinois
FINAN, Donald S.	Chicago, Illinois
FINGLETON, Joseph B.	Chicago, Illinois
FINNEGAN, John M.	Louisville, Kentucky
FISCHBACH, Marilyn G.	Goodland, Indiana
FISCHER, August C.	Lemont, Illinois
FISCHER, Birk F.	Evansville, Indiana
FISCHER, William A.	Cworosso, Michigan
FITZGERALD, Harry C.	Morocco, Indiana
FITZGERALD, Joseph F.	Rensselaer, Indiana
FITZGERALD, Michael D.	Elmwood Park, Illinois
FITPATRICK, Jerry L.	Warsaw, Indiana
FITZPATRICK, John C.	Chicago, Illinois
FITZPATRICK, Michael U.	Warsaw, Indiana
FLAMERICH, Francisco H.	Sabana Grande, Caracas, Venezuela
FLANAGAN, Brian H.	Chicago, Illinois
FLASHING, Richard J.	River Grove, Illinois
FLETCHALL, Thomas E.	Poseyville, Indiana
FLISZAR, Joseph W.	Chicago, Illinois
FONTANETTA, Michael J.	Chicago, Illinois
FORLENZA, Joseph A.	Chicago, Illinois
FORMAN, George W.	Maysville, Kentucky
FORSZT, Anthony A.	Chicago, Indiana
FORTIN, William L.	Whiting, Indiana
FOSS, George J.	Lancaster, Ohio
FOWLER, Nettie M.	Brook, Indiana
FOX, Beverly R.	Monticello, Indiana
FRANCIS, James N.	Mt. Clemens, Michigan
FRANCK, John J.	St. Henry, Ohio
FRANCOEUR, Byron P.	Anderson, Indiana
FRANCOIS, Charles V.	Flint, Michigan
FRANKIEWICZ, Paul J.	Chicago, Illinois
FREDERICK, Carl A.	Cincinnati, Ohio
FREEHILL, Patrick J.	Melvin, Illinois

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FREELAND, Anthony E.	Hoopeston, Illinois
FREIBERT, Ralph W.	Downers Grove, Illinois
FRENCH, Thomas M.	Indianapolis, Indiana
FRIEDMAN, Daniel E.	Jasper, Indiana
FRIEDRICH, Gerald J.	South Bend, Indiana
FRISOSKY, Ronald J.	Lansing, Michigan
FROST, George V.	Roslyn, Long Island, New York
FUS, Dennis A.	Hammond, Indiana

GABRIEL, Eberhard J.	Westmont, Illinois
GALE, William F.	Indianapolis, Indiana
GALLAGHER, Daniel G.	Chicago, Illinois
GALLAGHER, Harold J.	Chicago, Illinois
GALLAGHER, Hugh H.	Chicago, Illinois
GALLAGHER, Patrick J.	Detroit, Michigan
GALLAGHER, Robert A.	Chicago, Illinois
GALLAHER, Lee D.	Chicago, Illinois
GALLAHER, Robert D.	Chicago, Illinois
GALLIVAN, Robert M.	Chicago, Illinois
GAMBLA, Gerald J.	Chicago, Illinois
GANNON, James C.	Cleveland, Ohio
GARDNER, Ralph D.	Gary, Indiana
GARIBAY, Leo F.	Joliet, Illinois
GARLANGER, Charles D.	Benton Harbor, Michigan
GARRIOTT, Doris E.	Remington, Indiana
GATTON, Michael J.	Huntertown, Indiana
GAUL, Charles F.	Elmhurst, Illinois
GAVIN, Thomas J.	Chicago, Illinois
GAYNOR, James E.	Harrison, Ohio
GEFFERT, Thomas J.	Detroit, Michigan
GEHRING, Daniel J.	North Judson, Indiana
GEHRLICH, Edward W.	Wapakoneta, Ohio
GELINO, Francis E.	Momence, Illinois
GEMBALA, Mathew J.	Highland, Indiana
GEORGE, Victor M.	Washington, D.C.
GERMEK, Paul C.	Painesville, Ohio
GIER, John J.	Chicago, Illinois
GIERAT, Robert J.	Chicago, Illinois
GIES, Emil F.	Huntington, Indiana
GIMBEL, Donald L.	Broadview, Illinois
GLADU, Vern G.	Kankakee, Illinois
GLATZEL, Howard D.	Lafayette, Indiana
GLICK, Arthur R.	Chicago, Illinois
GLOWACKI, Robert J.	Hammond, Indiana
GODSHALL, Gerald D.	Highland, Indiana
GOEDDE, Edwin R.	Defiance, Ohio
GOEDDEKE, Vincent P.	Detroit, Michigan
GOEDERT, Patrick J.	River Forest, Illinois
GOES, Kenneth R.	Chicago, Illinois
GOHEEN, Thomas A.	Huntington, West Virginia
GORDON, John P.	Chicago, Illinois
GORDON, Lawrence A.	Penfield, Illinois
GRADL, Michael J.	Chicago, Illinois
GRAHAM, Michael E.	Royal Oak, Michigan

REGISTER OF STUDENTS 155

GRAHAM, Robert E.	Morocco, Indiana
GRIFFIN, John B.	Indianapolis, Indiana
GRIFFIS, John L.	Kentland, Indiana
GRONEMANN, Robert G.	Joliet, Illinois
GRONTKOWSKI, Ronald E.	South Bend, Indiana
GROSS, James P.	Chicago, Illinois
GROTEMAT, Robert R.	Ludington, Michigan
GROTHOUSE, Gregory C.	Whiting, Indiana
GRUSZEWSKI, William E.	Chicago, Illinois
GUERTIN, David L.	Kankakee, Illinois
GULVAS, Robert J.	Whiting, Indiana
GURZICK, Robert C.	Detroit, Michigan
GUSTAFSON, Wilfred E.	Chicago, Illinois
GUZIK, Kenneth L.	Chicago, Illinois
GUZY, Richard A.	Chicago, Illinois

HADALA, Robert S.	Joliet, Illinois
HAGEARTY, James C.	Kankakee, Illinois
HAGER, Carl L.	Chesterton, Indiana
HAGERMAN, Gerald W.	Harper Woods, Michigan
HAHN, Doyne M.	Griffith, Indiana
HALDORSON, Ralph J.	Coal City, Illinois
HAMILTON, Ronald W.	Marion, Indiana
HAMMAN, William R.	Chicago, Illinois
HANCOCK, John W.	Hobart, Indiana
HANLEY, Alan P.	Oak Park, Illinois
HANNON, Jim T.	Chicago, Illinois
HANRAHAN, Terence C.	Chicago, Illinois
HANSEN, Harold T.	Chicago, Illinois
HANSON, Richard A.	Chicago, Illinois
HAROS, Harry C.	Chicago, Illinois
HARRELL, Gregory J.	Paxton, Illinois
HARRINGTON, Earl S.	Chicago, Illinois
HARRINGTON, Phil R.	Chicago, Illinois
HARRISON, Christopher L.	Niles, Michigan
HART, William R.	Chicago, Illinois
HAUCK, Robert J.	Bayonne, New Jersey
HAUGH, Michael H.	East Chicago, Indiana
HAYES, Fred A.	Lansing, Illinois
HAYES, Robert J.	Chicago, Illinois
HAYNES, David J.	St. Joseph, Michigan
HEALY, Terrence J.	Chicago, Illinois
HECKERT, Harold R.	Chicago, Illinois
HEENAN, John J.	Chicago, Illinois
HEIMBUCH, Joseph A.	Detroit, Michigan
HEMMELGARN, Ronald L.	Celina, Ohio
HEMMERLING, Michael D.	Riverdale, Illinois
HENES, Charles W.	Chicago, Illinois
HENNEMAN, Robert J.	Chicago, Illinois
HERBER, John F.	Fort Wayne, Indiana
HERBST, George F.	Bellwood, Illinois
HENROD, Bernard A.	Michigan City, Indiana
HERSHBERGER, Dennis R.	Rensselaer, Indiana

156 SAINT JOSEPH'S COLLEGE

HESKIN, William J.	Chicago, Illinois
HIETPAS, Richard J.	Appleton, Wisconsin
HIPSKIND, Timothy F.	Fort Wayne, Indiana
HOBING, William J.	Cincinnati, Ohio
HOENNINGER, Ronald W.	Cincinnati, Ohio
HOFFMAN, Don M.	Champaign, Illinois
HOFFMAN, John F.	Chicago, Illinois
HOLDA, Ronald J.	North Miami, Florida
HOLLAND, William A.	Chicago, Illinois
HOLLATZ, Richard J.	Chicago, Illinois
HOLSTEIN, Ronald A.	Hamilton, Ohio
HONIKEL, Lawrence J.	Elmwood Park, Illinois
HOOVER, David H.	Louisville, Ohio
HOPKINS, Mrs. John E.	Rensselaer, Indiana
HORNAUER, Carl	Wyandotte, Michigan
HOULIHAN, Dennis M.	Lima, Ohio
HUFFMAN, Paul J.	Maysville, Kentucky
HUNNESHAGEN, Donald E.	Rochester, Indiana
HUNT, James J.	Rocky River, Ohio
HURLEY, Edward T.	Indianapolis, Indiana
HURST, Kenneth G.	Chicago, Illinois

IMBUR, Robert K.	Riverside, Illinois
INFANTE, Peter F.	Lima, Ohio
IPPOLITO, Vincent J.	Elmwood Park, Illinois

JACOBSEN, Jim P.	Logansport, Indiana
JANC, Albert A.	Schereville, Indiana
JANCICH, Robert	Whiting, Indiana
JANSEN, William A.	Kokomo, Indiana
JANSEY, Robert A.	Chicago, Illinois
JAVORSKI, Thomas S.	Chicago, Illinois
JERRY, Herman	Gary, Indiana
JETER, Richard C.	Indianapolis, Indiana
JOHNSON, Dennis M.	Chicago, Illinois
JOHNSON, John W.	Elmhurst, Illinois
JOHNSON, Joseph G.	St. Joseph, Michigan
JOHNSON, Robert J.	Chicago, Illinois
JOHNSON, Walter T.	Chicago, Illinois
JONES, Daniel L.	Sandusky, Ohio
JOHNSTON, Donald K.	Chicago, Illinois
JONES, Robert B.	Fort Wayne, Indiana
JOSEFORSKY, Alan C.	Gary, Indiana
JOSTES, Henry A.	Chicago, Illinois
JOZAITES, Francis G.	Norridge, Illinois
JUPINKA, Stephen J.	Fords, New Jersey

KAFKA, David E.	Royal Oak, Michigan
KAISER, John W.	Dayton, Ohio
KAISER, Robert L.	Ft. Recovery, Ohio
KAMINSKI, Mitchell V.	Chicago, Illinois
KAMINSKY, James J.	Whiting, Indiana

REGISTER OF STUDENTS 157

KANAMUELLER, Joseph M.	Chicago, Illinois
KANTOWICZ, Edwin J.	Chicago, Illinois
KASKY, G. Robert	Chicago, Illinois
KEANE, John J.	Chicago, Illinois
KEANE, Thomas F.	Chicago, Illinois
KEARNEY, Robert P.	Calumet City, Illinois
KEDZIOR, Richard W.	Detroit, Michigan
KEENAN, William E.	Cleveland, Ohio
KEENS, Leon H.	Sedalia, Missouri
KEILMAN, Jack L.	Dyer, Indiana
KELLER, Dennis B.	Henry, Ohio
KELLER, Philip M.	LaGrange, Indiana
KELLY, Daniel M.	Chicago, Illinois
KELLY, Lawrence P.	Marion, Ohio
KELLY, Raymond J.	Elmwood Park, Illinois
KELLY, Thomas E.	Lansing, Michigan
KEMPF, Edward L.	Evanston, Illinois
KENNEDY, David L.	Huntington, Indiana
KENNEDY, Edward W.	Chicago, Illinois
KENNEDY, Timothy T.	S. Euclid, Ohio
KENNEDY, William M.	Dayton, Ohio
KENNEFICK, Thomas M.	Chicago, Illinois
KENNY, H. Philip	Indianapolis, Indiana
KENVILLE, Ralph T.	Penn Yaw, New York
KEOGAN, Jim R.	Elkhart, Indiana
KETCHMARK, Eugene R.	Pontiac, Illinois
KIEFER, John D.	Evansville, Indiana
KINDERMAN, Dennis J.	Dayton, Indiana
KING, David C.	Western Springs, Illinois
KIPLEY, Edward L.	Riverdale, Illinois
KIRCHMAN, Merdov F.	Aroma Park, Illinois
KIRWEN, William J.	Jackson, Michigan
KISSNER, Thomas J.	Defiance, Ohio
KLATECKI, Greg L.	Chicago, Illinois
KLAUER, Robert L.	Chicago, Illinois
KLAWITTER, John M.	Steger, Illinois
KLEBBA, Donald W.	Detroit, Michigan
KLEIN, Joan M.	Rensselaer, Indiana
KLEIN, Lester J.	Lake Village, Indiana
KLEIN, Robert A.	Riverdale, Illinois
KLEMME, Leo F.	Earl Park, Indiana
KLESZYNSKI, Richard R.	Chicago, Illinois
KLINER, Mark J.	Cedar Grove, Indiana
KLINER, Roland A.	Chicago, Illinois
KLINGELE, James L.	Lombard, Illinois
KNAPP, Dennis K.	St. Joseph, Michigan
KOCSIS, Gustav A.	Buffalo, New York
KOEHLER, James B.	Madison, Indiana
KOEHLER, Medi A.	Monticello, Indiana
KOERBER, John D.	Chicago, Illinois
KOLESAR, John C.	Chicago, Illinois
KOLESAR, Paul M.	Chicago, Illinois
KOLESIAK, Ernest T.	South Bend, Indiana
KORON, Ronald P.	Chicago, Illinois
KORONA, Stanley A.	Chicago, Illinois

158 SAINT JOSEPH'S COLLEGE

KOSMATKA, Ronald J.	Detroit, Michigan
KOSOBUCKI, Dennis B.	Cicero, Illinois
KOVACS, Joseph S.	Chicago, Illinois
KRABBE, Joseph G.	Cincinnati, Ohio
KRANTZ, William B.	Aurora, Illinois
KRAUKLIS, William J.	Cicero, Illinois
KRAYNIK, Michael R.	Gary, Indiana
KREINBRINK, Clyde L.	Leipsic, Ohio
KREUTZER, Alan F.	Hays, Kansas
KREUTZJANS, William A.	Ft. Wright, Kentucky
KRICK, Theodore P.	Chicago, Illinois
KRIGBAUM, Henry S.	Marion, Ohio
KRIZMANIC, Raymond A.	Joliet, Illinois
KROEGER, Tom W.	Elgin, Illinois
KROHMER, Kenneth J.	Chicago, Illinois
KROLL, Leonard R.	Chicago, Illinois
KROLL, Robert J.	Chicago, Illinois
KRUPA, Francis A.	Cincinnati, Ohio
KRUSWICKI, Conrad R.	Chicago, Illinois
KRUTZLER, Edward A.	Chicago, Illinois
KUBECK, John M.	Hammond, Indiana
KUBICKI, Kevin A.	Chicago, Illinois
KUCHTA, Thomas W.	Lansing, Illinois
KULIG, Gerald H.	Chicago, Illinois
KUMMERER, Philip M.	Chicago, Illinois
KUNA, Thomas E.	Chicago, Illinois
KUNTZ, Norbert A.	St. Johns, Michigan
KUPKE, Eleanor M.	Francesville, Indiana

LABBE, Emil J.	Dover, New Hampshire
LaFONTAIN, Gerald W.	Fostoria, Ohio
LAKOMECKI, Ted F.	Chicago, Illinois
LaMARRE, Gerald M.	Topsham, Maine
LAMBKE, James G.	Elmwood Park, Illinois
LAMBKE, Joseph A.	Elmwood Park, Illinois
LAMMERS, Roger G.	Leipsic, Ohio
LaMOTTE, Kenneth J.	Birmingham, Michigan
LANESE, Thomas R.	Cleveland, Ohio
LANG, Joseph W.	Chicago, Illinois
LAREAU, Robert F.	Beaverville, Illinois
LARGER, Robert J.	Louisville, Kentucky
LARIMER, Richard E.	Chicago, Illinois
LARSON, Paul F.	East Chicago, Indiana
LASKAY, Thomas E.	Westchester, Illinois
LATEK, Edward C.	Chicago, Illinois
LAUDE, Edward J.	Chicago, Illinois
LAUGHLIN, Michael P.	Chicago, Illinois
LAURENZO, James M.	Perry, Iowa
LAWLESS, Joseph P.	LaGrange Park, Illinois
LAWLESS, Paul F.	LaGrange Park, Illinois
LAWNZAK, Ronald L.	Joliet, Illinois
LAYDEN, Rita M.	Rensselaer, Indiana
LAZARSKI, Richard A.	Chicago, Illinois
LEHMAN, Robert B.	Lansing, Illinois

REGISTER OF STUDENTS 159

LEHMANN, William O.	Louisville, Kentucky
LEONARD, Patrick T.	Chicago, Illinois
LEONARD, Thomas E.	Winamac, Indiana
LEVICKI, John S.	Lakewood, Ohio
LEVRI, Fideles L.	Rural Valley, Pennsylvania
LEWANDOWSKI, Daniel M.	Chicago, Illinois
LEWIS, Thomas F.	Kendallville, Indiana
LIEB, William E.	Sandusky, Ohio
LIDGA, Stephen M.	Gary, Indiana
LILLICH, Joseph M.	Fort Wayne, Indiana
LIM Young C.	Seoul, Korea
LIMP, Ted A.	Kentland, Indiana
LINDERMAN, Marga A.	Rensselaer, Indiana
LINDER, Lowell I.	Linton, North Dakota
LIPKE, Edward J.	Detroit, Michigan
LIPPIE, Robert J.	Whiting, Indiana
LISAK, Daniel J.	Michigan City, Indiana
LISZKA, Richard J.	Chicago, Illinois
LOESCH, Mathias C.	Fort Wayne, Indiana
LOFTUS, Thomas J.	Chicago, Illinois
LONER, Paul S.	Logansport, Indiana
LONG, John W.	Marion, Indiana
LONG, Thomas E.	Stamford, Connecticut
LONG, William J.	Chicago, Illinois
LORSCHIEDER, Fred R.	Chicago, Illinois
LOY, Elizabeth J.	Rensselaer, Indiana
LUBBINGA, Robert H.	Chicago, Illinois
LUCAS, James A.	Rensselaer, Indiana
LUCE, Clyde E.	LaPorte, Indiana
LUDWA, David E.	Markham, Illinois
LULEWICZ, John J.	Chicago, Illinois
LUTZ, Raymond C.	Oak Park, Illinois
LYNCH, Gary A.	Remington, Indiana
LYNCH, Matthew J.	Chicago, Illinois
LYONS, Gerald J.	New Haven, Ohio
LYONS, John W.	Oak Park, Illinois
LYSAUGHT, Edward L.	Michigan City, Indiana

McADAMS, Thomas E.	Chicago, Illinois
McARDLE, James M.	Chicago, Illinois
McCALLUM, Thomas K.	Medaryville, Indiana
McCARTHY, John T.	Chicago, Illinois
McCARTNEY, James R.	Goodland, Indiana
McCAULEY, James W.	Manhasset, Long Island, New York
McCAULEY, Lee T.	Cleveland, Ohio
McCAULEY, William J.	Chicago, Illinois
McCLOSKEY, Gil J.	Walled Lake, Michigan
McCRONE, William P.	Lakewood, Ohio
McCULLOUGH, James R.	Chicago, Illinois
McCUSKER, Frank D.	Falls Church, Virginia
McDOWELL, William P.	Chicago, Illinois
McFARLAND, Hugh J.	Lakewood, Ohio
McGEE, Edward P.	Chicago, Illinois
McGILL, James E.	Port Huron, Michigan

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McINERNEY, Gerald J.	Chicago, Illinois
McINTOSH, Ken L.	Lincoln Park, Michigan
McKAY, Lawrence A.	Downers Grove, Illinois
McKEE, Howard G.	Michigan City, Indiana
McKILLOP, Donald A.	Chicago, Illinois
McLAUGHLIN, Martin J.	Saginaw, Michigan
McMAHON, James J.	Chicago, Illinois
McMahon, James R.	Louisville, Kentucky
McMAHON, John C.	LaGrange, Illinois
McMULLEN, Patrick J.	St. Joseph, Michigan
McMULLEN, Raymond K.	Schererville, Indiana
McNAMARA, Gerald M.	Orland Park, Illinois
McNAMARA, Michael P.	Decatur, Illinois
McNICHOLAS, William J.	Chicago, Illinois
McSHIRLEY, Miles C.	Fort Wayne, Indiana

MACURA, Wayne D.	Bridgeport, Connecticut
MADDA, Robert J.	Chicago, Illinois
MADDEN, James J.	Chicago, Illinois
MADISON, Gary B.	Kankakee, Illinois
MAGEE, Alva J.	Rensselaer, Indiana
MAHONEY, Gregory	Oak Park, Illinois
MAKENAS, Joseph R.	Chicago, Illinois
MALIK, Frank S.	Peabody, Massachusetts
MALLEY, William J.	Buffalo, New York
MANEY, Robert D.	Tipton, Indiana
MANISZEWSKI, Edward C.	Chicago, Illinois
MANN, David K.	Detroit, Michigan
MANOS, Joseph P.	Riverdale, Illinois
MANSON, John D.	Chicago, Illinois
MANTEI, Erwin J.	Benton Harbor, Michigan
MARCHAL, George M.	Greenville, Ohio
MARCOTTE, Kenneth F.	Elmhurst, Illinois
MARIEN, Edward J.	Indianapolis, Indiana
MARIO, John A.	Gary, Indiana
MARKEY, David A.	Chicago, Illinois
MARKOWSKI, Louis J.	Celina, Ohio
MARQUARDT, James W.	Lorain, Ohio
MARSZOWSKI, Bruno A.	Chicago, Illinois
MARTIN, Jon C.	Evanston, Illinois
MARTINELLI, Hugh J.	Murrysville, Pennsylvania
MARTINO, Fredric J.	Chicago, Illinois
MASCHING, Raymond L.	Emington, Illinois
MASCOTT, Jerome G.	Ft. Lauderdale, Florida
MASCOTTE, John P.	Fort Wayne, Indiana
MASON, James A.	Birmingham, Michigan
MASSURA, Edward A.	Chicago, Illinois
MASZKA, Robert J.	Chicago, Illinois
MATOKAR, Stephen M.	Chicago, Illinois
MATOVINA, Michael S.	Hammond, Indiana
MATRANGE, Joseph F.	Bayonne, New Jersey
MATTINGLY, Michael W.	Abell, Maryland
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MEDLAND, Richard H.	Logansport, Indiana

REGISTER OF STUDENTS 161

MEISTER, Richard J.	Gary, Indiana
MELIN, Andrew C.	Hoopeston, Illinois
MELLOH, William C.	Indianapolis, Indiana
MESARCH, Phillip G.	Gary, Indiana
MESERVEY, Jerome T.	Chicago, Illinois
METTLER, Michael C.	Fort Wayne, Indiana
MEUSER, Max B.	Princeton, Indiana
MEYERS, Gwen	Rensselaer, Indiana
MEYERS, Richard A.	Chicago, Illinois
MICHNA, Charles G.	Denmark, Wisconsin
MIHOK, Gerald P.	New Kensington, Pennsylvania
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MIKS, Cecelia M.	Medaryville, Indiana
MILAS, John V.	Chicago, Illinois
MILLAR, Charles M.	Falls Church, Virginia
MILLER, Fred D.	Louisville, Kentucky
MILLER, Kenneth H.	Culver, Indiana
MILLER, Michael H.	Chicago, Illinois
MILLER, Theodore J.	Chicago, Illinois
MILLER, Thomas Jerome	St. Joseph, Michigan
MILLER, Thomas Joseph	Louisville, Kentucky
MILLER, Thomas M.	Mokena, Illinois
MILLER, William R.	Chicago, Illinois
MILLS, Gary E.	Alma, Michigan
MIRABELLA, Sam N.	Chicago, Illinois
MIROCHA, John A.	South Bend, Indiana
MITALO, Vito A.	Chicago, Illinois
MITCHELL, Thomas J.	Chicago, Illinois
MOLL, Donald A.	Park Forest, Illinois
MOLONEY, Thomas J.	Marion, Ohio
MONAHAN, Danno	St. Louis, Missouri
MORAN, Francis T.	Chicago, Illinois
MORIARTY, William J.	Birmingham, Michigan
MORRIS, Philip A.	New York, New York
MOULTHROP, James S.	DuBois, Pennsylvania
MOYER, James J.	Lima, Ohio
MROCZEK, Kenneth D.	Chicago, Illinois
MUDD, Dennis I.	Skokie, Illinois
MUELLER, Arthur J.	Delphos, Ohio
MUELLER, Gerald F.	Royal Oak, Michigan
MUELLER, Roger E.	St. Louis, Missouri
MULDOWNEY, Michael J.	Pontiac, Michigan
MULLER, Robert E.	Tenafly, New Jersey
MULVANEY, John E.	Chicago, Illinois
MURPHY, Bernard J.	Chicago, Illinois
MURPHY, Daniel J.	Chicago, Illinois
MURPHY, Henry J.	Chicago, Illinois
MURPHY, Michael J.	Winchester, Massachusetts
MURPHY, Stephen R.	Birmingham, Michigan
MURRAY, Joseph M.	Troy, New York
MURRAY, Peter J.	Lorain, Ohio
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MUSKET, Ronald F.	Chicago, Illinois

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NASELLI, Santo P.	Chicago, Illinois
NASH, Timothy J.	Bronxville, New York
NAVIGATO, John J.	Chicago, Illinois
NAWROCKI, Stanley J.	Gary, Indiana
NAYLON, Charles V.	Sandwich, Illinois
NAYLON, Thomas M.	Sandwich, Illinois
NEDZA, Walter J.	Chicago, Illinois
NELSON, Paul W.	Oil City, Pennsylvania
NEMETH, Oscar E.	North Liberty, Indiana
NETT, Elmer A.	Fond du Lac, Wisconsin
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NIETZEL, Richard	Chicago, Illinois
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NORDENBROCK, John B.	Ft. Recovery, Ohio
NORMAN, David A.	Rensselaer, Indiana
NORRIS, John F.	Chicago, Illinois
NOWICK, John B.	Chicago, Illinois

O'BRIEN, Kevin	Westlake, Ohio
O'BRIEN, Thomas D.	Leonia, New Jersey
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O'CONNELL, William J.	Chicago, Illinois
O'CONNOR, Barrett J.	Elgin, Illinois
O'CONNOR, David P.	Port Huron, Michigan
O'CONNOR, John J.	Chicago, Illinois
O'CONNOR, John P.	Elmwood Park, Illinois
O'CONNOR, Maurice C.	Evansville, Indiana
O'CONNOR, Michael E.	Chicago, Illinois
O'CONNOR, Patrick J.	Logansport, Indiana
O'CONNOR, Thomas L.	Kankakee, Illinois
O'DAY, Ernest J.	Chicago, Illinois
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OEFFINGER, James A.	New Albany, Indiana
OGORZELEC, Paul R.	Chicago, Illinois
O'HARA, Edward J.	LaGrange Park, Illinois
OHDE, John A.	Chicago, Illinois
OLESEK, Walter F.	Chicago, Illinois
OLINGER, John L.	Ferdinand, Indiana
OLIVER, Raymond S.	Decatur, Illinois
O'NEIL, James L.	Muskegon, Michigan
O'NEILL, Judith Ann	Monticello, Indiana
O'NEILL, Partick J.	Willard, Ohio
O'REILLY, Donald L.	Kankakee, Illinois
O'ROURKE, Gerald A.	Chicago, Illinois
ORRIS, Edward J.	Lafayette, Indiana
OSBURN, Ronald C.	Lomard, Illinois
O'SHAUGHNESSY, Peter J.	Winnetka, Illinois
OSMULSKI, Richard J.	Hammond, Indiana
O'TOOLE, Thomas J.	Griffith, Indiana

REGISTER OF STUDENTS 163

PACENTI, Anthony J.	Chicago, Illinois
PAGLIA, James L.	Irvington, New Jersey
PAJAKOWSKI, Eugene T.	South Bend, Indiana
PALAZZOLO, Frank G.	Detroit, Michigan
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PAQUETTE, Michael C.	Wyandotte, Michigan
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PASSALACQUA, Larry J.	Effingham, Illinois
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PEREZ, Jose M.	Caguas, Puerto Rico
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PETROWSKY, George E.	Archbold, Ohio
PETRYNIEC, Michael A.	Chicago, Illinois
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PHELPS, Robert J.	Elgin, Illinois
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PILOTTE, Cliff A.	St. Anne, Illinois
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POLLACK, Charles F.	Chicago, Illinois
PORTER, Charles K.	Chicago, Illinois
POTRZEBOWSKI, Stanley S.	Westville, Indiana
PRICE, Richard C.	Chicago, Illinois
PROBST, Gary B.	Effingham, Illinois
PRYSTALSKI, Edward F.	Chicago, Illinois
PUGH, William H.	Perrysburg, Ohio
PUOCI, Anthony P.	Chicago, Illinois
PURCELL, Alan V.	Oregon, Wisconsin
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QUINN, John J.	Chicago, Illinois
QUINN, Michael A.	Dyer, Indiana
RAFFERTY, George F.	Canton, Ohio
RAMESH, Robert P.	Whiting, Indiana
RAMSEY, Don G.	Michigan City, Indiana
RANDLE, Susie M.	Rensselaer, Indiana
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REAGIN, James P.	Anderson, Indiana
REAMER, Paul H.	Garden City, New York
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REINHART, James R.	Bryant, Indiana
REINHART, John M.	Louisville, Kentucky
RELINSKI, David A.	Chicago, Illinois
RENSPIE, Richard W.	Chicago, Illinois
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REUBLIN, Dennis M.	Ft. Knox, Kentucky
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RODGERS, William F.	Bement, Illinois
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ROHLOF, Robert B.	Chicago, Illinois
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ROSINSKI, Martin J.	Calumet City, Illinois
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RYAN, Edward J.	Chicago, Illinois
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SADOLF, Frank E.	Chicago, Illinois
SADOWSKI, John	Chicago, Illinois
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SALVO, Vincent J.	Cambria Heights, New York
SANDELL, Richard V.	Camden, New Jersey
SANFILIPPO, John J.	Evergreen Park, Illinois
SAVINO, Alfrd P.	River Forest, Illinois
SCHAAB, Dennis A.	Fort Wayne, Indiana
SCHADEN, Kenneth E.	Norridge, Illinois
SCHAEFFER, Joseph W.	Galesburg, Illinois
SCHAFFHAUSER, Anthony C.	Oak Park, Illinois
SCHEER, Luke J.	Royal Oak, Michigan

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SCHENK, John R.	Dale, Indiana
SCHERER, Gary M.	Portsmouth, Ohio
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SCHMIDT, William L.	Lemont, Illinois
SCHMITZ, William F.	Elgin, Illinois
SCHNECKENBERG, Robert J.	Berlin, Wisconsin
SCHNEIDER, Richard L.	Skokie, Illinois
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SCHOENBAUM, Thomas J.	River Forest, Illinois
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SCHREINER, John A.	Hammond, Indiana
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SCHUETTE, James D.	Goodland, Indiana
SCHUTTROW, Charles J.	South Bend, Indiana
SCHWINGER, Joseph L.	Fremont, Ohio
SCIPTA, Kenneth E.	Chicago, Illinois
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SEITZ, Richard J.	Lima, Ohio
SEMANCIK, Jerome D.	Whiting, Indiana
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SERTICH, Thomas G.	Chicago, Illinois
SEVERA, Joseph J.	Roselle, Illinois
SHALLOW, Edward T.	Marion, Indiana
SHANNON, Martin J.	Chicago, Illinois
SHAUT, John T.	Grahamsville, New York
SHAW, Richard H.	Lansing, Michigan
SHEAHAN, John T.	Chicago, Illinois
SHINE, William G.	Crete, Illinois
SHORTY, James C.	Gallup, New Mexico
SICLAIR, Lawrence R.	Galion, Ohio
SIDOCK, Robert E.	Chicago, Illinois
SIENKO, William J.	Middletown, Connecticut
SIMON, Paul W.	Lansing, Michigan
SIMON, Peter F.	Elmhurst, Illinois
SINGLEMANN, Tom O.	Chicago, Illinois
SINGLETON, David N.	Linton, Indiana
SINGLETON, John J.	Linton, Indiana
SIODLARZ, Walter M.	Guelph, Ontario, Canada
SISKA, George P.	Chicago, Illinois
SKURKIS, Albert R.	Cicero, Illinois
SLADESKI, Peter E.	Newburgh, New York
SLYKAS, William F.	Westville, Illinois
SMAT, Robert J.	Evergreen Park, Illinois
SMITH, Cosmas E.	Crown Point, Indiana
SMITH, James S.	Whiting, Indiana
SMITH, John S.	Wolcott, Indiana
SMITH, Jon T.	Marion, Ohio
SMITH, Joseph L.	Indianapolis, Indiana
SMITH, Michael R.	Winslow, Arizona
SMITH, Michael T.	Homewood, Illinois

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SMITH, Philip M.	Des Plaines, Illinois
SMITH, Richard J.	Gary, Indiana
SMITH, Richard W.	Chicago, Illinois
SMOLEN, Thomas J.	Whiting, Indiana
SNYDER, David J.	Chicago, Illinois
SNYDER, Gerald F.	Swanton, Ohio
SOKOLOWSKI, Roman G.	Chicago, Illinois
SORG, John M.	Fort Wayne, Indiana
SORRELMAN, Justin J.	Morenci, Arizona
SPEJEWSKI, Gerald R.	East Chicago, Indiana
SPOLJARIC, Andrew	East Chicago, Indiana
SPRALEY, Richard A.	Dayton, Ohio
SPYCHALSKI, John C.	Michigan City, Indiana
STACK, Gary P.	Elmwood Park, Illinois
STAGE, Catherine B.	Rensselaer, Indiana
STAGER, David H.	Cleveland, Ohio
STAHL, Robert E.	Indianapolis, Indiana
STANCUKAS, Stanley J.	Cicero, Illinois
STANEK, Duane J.	Dyer, Indiana
STAPLEMAN, Charles W.	Joliet, Illinois
STARK, David C.	Olympia Fields, Illinois
STARSHAK, Edward J.	Lombard, Illinois
STEC, Albert J.	East Chicago, Indiana
STEFANIAK, Thomas P.	Calumet City, Illinois
STELZER, Kenneth A.	Celina, Ohio
STEPHAN, Gerald F.	Gary, Indiana
STIEMAN, John R.	Chicago, Illinois
STINEMAN, John F.	Cincinnati, Ohio
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STODOLA, Patrick W.	Hammond, Indiana
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STROPKO, John J.	Cleveland, Ohio
STRZELCZYK, Joseph W.	Argo, Illinois
STUKENBORG, Bernard A.	Donaldson, Indiana
SUAREZ, Robert L.	LaPaz, Bolivia, South America
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SULLIVAN, James A.	Evergreen Park, Illinois
SULLIVAN, James E.	Chicago, Illinois
SULLIVAN, James P.	River Forest, Illinois
SULLIVAN, Timothy J.	Corapolis, Pennsylvania
SULLIVAN, William R.	Chicago, Illinois
SUR, Larry M.	Effingham, Illinois
SUTCH, Ronald P.	Chicago, Illinois
SUTTON, Stephen J.	Decatur, Indiana
SWANK, Charles M.	Laconia, Indiana
SWEENEY, Robert M.	Chicago, Illinois
SWEET, John H.	Richmond, Indiana
SWIATEK, James M.	Chicago, Illinois
SYRON, Frank G.	Pontiac, Michigan
SZCINSKI, Jerry C.	Chicago, Illinois
SZCZERBA, Stanley J.	South Bend, Indiana

REGISTER OF STUDENTS 167

TALAGA, Thomas E.	Gary, Indiana
TALBOTT, John D.	Louisville, Kentucky
TATRO, John M.	Martinton, Illinois
TAYLOR, Robert J.	Chicago, Illinois
TEDESCO, Bernard C.	Merchantville, New Jersey
TENFELDE, Richard R.	Chicago, Illinois
TERRANOVA, Joseph F.	Whiting, Indiana
TETRAULT, David J.	Bourbonnais, Illinois
THIEDE, Peter L.	Detroit, Michigan
THOELLE, Michael D.	Effingham, Illinois
THOMA, Thomas G.	Springfield, Illinois
THOMA, William A.	Chicago, Illinois
THOMAS, Edwin L.	Chicago, Illinois
TIERNEY, John W.	Columbus, Ohio
TIERNEY, Thomas F.	Chicago, Illinois
TILTON, John C.	Rensselaer, Indiana
TIMMINS, Patrick F.	Columbus, Ohio
TOAN, Nguyen	Saigon, Vietnam
TOEPP, James E.	South Bend, Indiana
TOLLIK, Robert W.	Chicago, Illinois
TOMLIN, Ralph J.	Peoria, Illinois
TRAGARZ, Walter F.	Skokie, Illinois
TRAINOR, James B.	Cincinnati, Ohio
TRAPP, Raymond R.	Chicago, Illinois
TROIKE, Frank A.	Chicago, Illinois
TRYZNA, Joseph J.	Chicago, Illinois
TUERFF, James R.	Gary, Indiana
TUMBARELLO, Anthony F.	Chicago, Illinois
TUNNEY, Eugene P.	Chicago, Illinois
TYLKA, Edward T.	Chicago Heights, Illinois

UECKER, Joseph H.	Fort Wayne, Indiana
UGO, John H.	Chicago, Illinois
ULLO, Philip P.	Chicago, Illinois
URIG, Robert A.	Elyria, Ohio

VALLONA, Michael J.	Chicago, Illinois
VANDERPLOW, Edward G.	Berwyn, Illinois
VAN LEIRSBURG, Dean A.	St. Charles, Illinois
VAN MALDEGIAM, Norman E.	Chicago, Illinois
VAN OSDOL, Thomas D.	Warsaw, Indiana
VASEK, Anthony G.	Cleveland, Ohio
VAUGHAN, Charles F.	Rockford, Illinois
VAUGHT, William E.	Cincinnati, Ohio
VEOME, Edmond A.	Chicago, Illinois
VERLODT, James J.	Mishawaka, Indiana
VESPER, Nicholas J.	Chicago, Illinois
VICKERY, James R.	Bradley, Illinois
VICTOR, Joseph A.	Chicago, Illinois
VLASATY, Joseph G.	Brookfield, Illinois
VOELLINGER, Arthur C.	Belleville, Illinois
VOGEL, John H.	Lima, Ohio

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VOGT, Richard L.	Delphos, Ohio
VOLLENWEIDER, Gary L.	East Moline, Illinois
VON BAMPUS, James F.	Chicago, Illinois

WADAS, James J.	Chicago, Illinois
WAGNER, John M.	Chicago, Illinois
WAGNER, Judith A.	Remington, Indiana
WALKER, Gerald F.	Evergreen Park, Illinois
WALSH, Matthew P.	Chicago, Illinois
WALSH, Raymond B.	Wheaton, Illinois
WALSH, William J.	Louisville, Kentucky
WARD, James S.	Livonia, Michigan
WARZYNSKI, Theodore B.	Chicago, Illinois
WATERS, Martin J.	Rego Park, New York
WATLING, John A.	Lorain, Ohio
WATSON, Joseph M.	Philadelphia, Pennsylvania
WEBER, Frederick R.	Chicago, Illinois
WEBSTER, Thomas M.	Chicago, Illinois
WELSH, Dan W.	Anderson, Indiana
WEST, Arthur C.	Chicago, Illinois
WHALEY, Marilyn M.	Brook, Indiana
WHALEY, Patricia J.	Morocco, Indiana
WHITLOW, Allan G.	Michigan City, Indiana
WILBURN, William N.	Pittsburgh, Pennsylvania
WILD, Joseph G.	Lancaster, New York
WILHELM, Philip J.	Indianapolis, Indiana
WILKEN, Henry J.	Louisville, Kentucky
WILL, Daniel V.	Delphos, Ohio
WILL, Virgil L.	Chickasaw, Ohio
WILLIAMS, Robert A.	Indianapolis, Indiana
WILLIS, Paul A.	Brandenburg, Kentucky
WILMORE, Elister L.	Evanston, Illinois
WILSON, Edward R.	Kentland, Indiana
WILSON, Richard J.	Oakford, Illinois
WINDT, Robert J.	Chicago, Illinois
WINKELJOHN, Robert H.	Wabash, Indiana
WIORSKI, Donald J.	Chicago, Illinois
WOJCICKI, Robert L.	Chicago, Illinois
WOJCIK, Albert J.	Chicago, Illinois
WOLF, James J.	Fort Wayne, Indiana
WOLSHON, Raymond E.	Chicago, Illinois
WOLSON, Raymond D.	Chicago, Illinois
WOOD, Michael J.	Columbus, Ohio
WOODS, James J.	Western Springs, Illinois
WORDEN, James C.	Rensselaer, Indiana
WROBEL, George E.	Chicago, Illinois
WROBLEWSKI, Richard A.	South Bend, Indiana
WUERTH, Felix L.	Louisville, Kentucky
WYSOGLAD, Kenneth J.	Harwood Heights, Illinois
WYSS, Marion J.	Monroeville, Indiana

REGISTER OF STUDENTS 169

YANAN, James	Chicago, Illinois
YARRIS, Charles E.	Fostoria, Ohio
YATES, Thomas P.	Manteno, Illinois
YEOMAN, Ruth M.	Hebron, Indiana
YOHLER, William M.	Marion, Indiana
YOUNG, Michael F.	Chicago, Illinois

ZAHONYI, Raphael B.	Cleveland, Ohio
ZAWILA, Daniel S.	Chicago, Illinois
ZERA, Alex A.	Skokie, Illinois
ZID, John E.	Berwyn, Illinois
ZIELINSKI, Arthur C.	South Bend, Indiana
ZIMMER, Leonard P.	Chicago, Illinois
ZLEIT, William E.	Kansas City, Missouri
ZMORA, Wendel W.	Evergreen Park, Illinois
ZOKFIE, James C.	Chicago, Illinois
ZOLECKI, Joseph H.	Milwaukee, Wisconsin
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ZURAWSKI, Thaddeus J.	Chicago, Illinois
ZYCK, Donald J.	Chicago, Illinois

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APPENDIX II

Degrees, Honors and Awards: June 7, 1959

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Frank M. McHale

James B. McCahey

Henry Anthony Alesia, B.S., General Business	Chicago, Illinois
Joseph Edward Armon Jr., B.S., Accounting	Chicago, Illinois
Kenneth Mathias Bates, B.A., History	Chicago, Illinois
David Conroy Bauer, B.A., Economics*	Huntington, Virginia
Richard Carl Behnke, B.S., General Business	Battle Creek, Michigan
Martin Joseph Bena, B.S., Mathematics*	Waukegan, Illinois
Terence E. Bergin, B.A., History	Chicago, Illinois
Steven P. Blahunka, B.A., Geology	Whiting, Indiana
Robert John Burian, B.A., History	Chicago, Illinois
Gerald Emmett Byrne Jr., B.S.,*	
Biology-Chemistry Cum Laude	Chicago, Illinois
John Martin Byrnes, B.A., History	Midlothian, Illinois
Henry Paul Cabala, B.S., Marketing	Calumet City, Illinois
John Michael Cannon, B.A., History Cum Laude	Chicago, Illinois
David Raymond Carey, B.A., Mathematics-Physics	Joliet, Illinois
Catherine Louise Carroll, B.S., Elementary Education	Brook, Indiana
David Edward Cassin, B.S., Marketing	Oak Park, Illinois
John Charles Christen, B.S., General Business	Villa Park, Illinois
Joseph John Chrustowski, B.S., Accounting	Whiting, Indiana
Joseph Aloysius Clune, B.S., Biology-Chemistry	Gary, Indiana
Richard J. Compolo, B.S., General Business	Monroe, Michigan
Richard A. Cote, B.S., General Business	Manchester, New Hampshire
Eugene Philip Cowan, B.S., General Business	Oak Park, Illinois
Richard Thomas Cyrrier, B.S., Geology	Chicago, Illinois
Angelo Ralph Dattomo, B.S., Marketing	Cincinnati, Ohio
James Michael Deegan III, B.S., Marketing	Lakewood, Ohio
Thomas Harold Deem, B.A., History*	Vincennes, Indiana
Thomas W. DeMint Jr., B.A., English*	Springfield, Illinois
Howard John Dewes, B.A., Economics	Dyer, Indiana
Jacque Roger Dhooge, B.A., Mathematics-Physics	Berwyn, Illinois
Thomas Joseph Doherty, B.A., History*	Chicago, Illinois
Carl Patrick Dominik, B.S., Accounting	Chicago, Illinois
Bernard Paul Dowling Jr., B.A., History	Hammond, Indiana

* Nominated to Who's Who Among Students in American Colleges and Universities.

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Thomas Joseph Downes, B.S., Geology	Chicago, Illinois
Arthur S. Drea, B.A., History	Chicago, Illinois
Ronald Edward Eberhardt, B.S., Accounting	Massillon, Ohio
James Patrick Egan, B.A., Economics Cum Laude	Chicago, Illinois
LeRoy Michael Ellgass, B.S., Accounting Cum Laude	Chicago, Illinois
George R. Esposito, B.A., Sociology	Akron, Ohio
Mark Timothy Faylor, B.S., General Business*	Fort Wayne, Indiana
Robert Leonard Findling, B.A., Sociology	Ludington, Michigan
John Dennis Fox, B.A., Chemistry	Canton, Ohio
Thomas Michael Freehill, B.A., History	Melvin, Illinois
James Salvatore Gagliano, B.S., Accounting	Chicago, Illinois
Richard Edward Gallo, B.S., Accounting	Berwyn, Illinois
John Edward Galvin, B.S., General Business*	Paducah, Kentucky
Arthur Joseph Gelino, B.S., Marketing	Momence, Illinois
Robert H. Gengler, B.A., Mathematics-Physics	Aurora, Illinois
John Theodore Goeldi, B.A., History	Detroit, Michigan
Michael Robert Goldrick, B.A., English-Journalism	Chicago, Illinois
Robert Nicholas Gontko, B.S., Geology	Elmhurst, Illinois
Edward J. Graczyk, B.S., Geology	Chicago, Illinois
William George Grannan, B.S., Accounting	Washington, Indiana
Ronald Lee Guertin, B.A., Economics Cum Laude	Kankakee, Illinois
Joseph Michael Gurgone, B.S., Marketing*	Chicago, Illinois
Cletus Herman Habing, B.S., Geology	Teutopolis, Illinois
Verle L. Hanford, B.S., General Business	Momence, Illinois
James Brian Haverty, B.S., Geology	Chicago, Illinois
James K. Hays, B.S., Geology	Chicago, Illinois
Lawrence Justin Herber, B.S., Geology Cum Laude	Fort Wayne, Indiana
Jerome Stephen Hoess, B.S., Marketing	Munster, Indiana
Robert A. Hoffswell, B.A., Mathematics-Physics Cum Laude	Chicago, Illinois
Charles Ward Holmes, B.S., Geology Cum Laude	Huntington Woods, Michigan
Anthony Robert Jakubicek, B.S., Marketing	Chicago, Illinois
Robert Lestley Jensen, B.S., Accounting Cum Laude	Medaryville, Indiana
Paul Jurik, B.S., Geology Cum Laude	Chicago, Illinois
Edward Francis Kalata, B.S., Accounting	Chicago, Illinois
Wayne Mark Kassel, B.S., Biology-Chemistry	Berwyn, Illinois
Thomas Joseph Keefe Jr., B.A., Geology	Oak Lawn, Illinois
Thomas Richard Kelly, B.S., Accounting Cum Laude	Chicago, Illinois
Leo Aloysius Kominek, B.S., Biology Cum Laude*	Chicago, Illinois
Paul Bernard Kreitz, B.S., Education	Akron, Ohio
Robert Charles Krieter, B.S., General Business	Franklin Park, Illinois

* Nominated to Who's Who Among Students in American Colleges and Universities.

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Arthur John Kurek, B.S., General Business*	Ontario, Canada
Raymond John Kuzniar, B.A., History	Chicago, Illinois
Edward Joseph Labbe, B.S., Physical Education	Dover, New Hampshire
Charles Thomas Laipply, B.S., Geology	Van Wert, Ohio
Arthur David Lapadat, B.S., Geology	East Chicago, Indiana
Raymond Patrick Lavery, B.S., Marketing	Chicago, Illinois
Andrew Peter Lewandowski, B.A., History	North Judson, Indiana
Charles Anthony Lileikis, B.S., General Business	Chicago Heights, Illinois
Norman Duane Lozen, B.S., Education*	Mt. Clemens, Michigan
Ernest Eugene McGruder, B.A., Economics	Indianapolis, Indiana
Roland Franklin Martin, B.A., History	DeMotte, Indiana
Joseph Clark Matlon, B.A., History	Lansing, Illinois
Ronald Francis Metter, B.S., Accounting	Mt. Clemens, Michigan
Fred Joseph Monczynski, B.S., Marketing	Chicago, Illinois
James Alfred Montemurro, B.S., General Business	Chicago, Illinois
William Walter Moore, B.S., General Business	Chicago, Illinois
Lawrence John Mortensen, B.S., General Business	Chicago, Illinois
Albert Joseph Mueller, B.A., Chemistry	Round Lake Park, Illinois
John Carl Neff, B.S.,* Biology-Chemistry Magna Cum Laude	Akron, Ohio
James Edward Niemeyer, B.S., Geology Cum Laude	Teutopolis, Illinois
Francis J. Nomina, B.S., Accounting	Delphos, Ohio
Bernard Edward O'Donnell, B.S., General Business	Anderson, Indiana
Patrick A. U. Opara, B.A., Sociology Cum Laude	Nigeria, Africa
Thomas Francis Page, B.S., Accounting	Chicago, Illinois
James Patrick Pender, B.A., Sociology	Highland Park, Illinois
Joseph Frank Piriano, B.S., General Business	Chicago, Illinois
Joseph Stephen Quartuch, B.S., Education	Michigan City, Indiana
Roger L. Redelman, B.S., Mathematics*	Kouts, Indiana
James Anthony Riedy, B.A., History	Naperville, Illinois
William E. Riegle, B.S., Physical Education	Kentland, Indiana
William Benton Riffe, B.S., General Business	Anderson, Indiana
James Vincent Rogers, B.S., Marketing	LaGrange Park, Illinois
Walter W. Rossmanith, B.S., General Business	Rensselaer, Indiana
Dennis Edwin Ryan, B.A., History	Sandusky, Ohio
Francis X. St. Peter, B.A., History	Menominee, Michigan
Roger Joseph Scott Jr., B.S., General Business	Chicago, Illinois
Raymond Michael Shuhet, B.S., Marketing	Ontario, Canada
Donald Francis Stazy, B.S., Geology	Chicago, Illinois
Robert James Stewart, B.S., Marketing*	Chicago, Illinois

* Nominated to Who's Who Among Students in American Colleges and Universities.

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Paul John Stucker, B.A., Biology-Chemistry	Chicago, Illinois
Henry August Stukenborg, B.S., Accounting	Donaldson, Indiana
Robert William Sullivan, B.S., Mathematics	Anderson, Indiana
Richard Paul Sutter, B.A., Biology Cum Laude	Strongsville, Ohio
James O'Neill Tegemeyer, B.S., Marketing	Pekin, Illinois
Raymond Wallace Tennant, B.S., Biology	Joliet, Illinois
Michael Joseph Tierney Jr., B.S., Geology	Chicago, Illinois
Donald Arthur Todd, B.S., Chemistry	Fort Wayne, Indiana
Ronald Lee Tovsen, B.A., Mathematics-Physics	Gary, Indiana
Thomas J. Uecker, B.S., Mathematics Cum Laude	Fort Wayne, Indiana
Edwin F. Valente, B.S., Marketing	Chicago, Illinois
Richard T. Vallin, B.S., Accounting	Racine, Wisconsin
John William Vander Ley, B.S., Geology	Chicago, Illinois
David Lee Verdeyen, B.S., Biology-Chemistry	Gary, Indiana
Richard Charles Vomish, B.A., History	Hammond, Indiana
Edward Robert Vrdolyak, B.A., History	Chicago, Illinois
Thomas A. Wadas, B.A., Chemistry	Chicago, Illinois
Peter Owen Warner, B.S., Chemistry Cum Laude	Elgin, Illinois
James Ronald Westerman, B.S., Geology	Ontario, Canada
Daniel Francis Wilkinson, B.A., History Cum Laude	Chicago, Illinois
Gene Ray Williams, B.A., History	Chicago, Illinois
Charles Edward Wilson, B.A., Economics	Indianapolis, Indiana
Richard Keith Winans, B.S., Marketing	Joliet, Illinois
Charles Robert Zak, B.S., Marketing	Chicago, Illinois

* Nominated to Who's Who Among Students in American Colleges and Universities.

DEGREES CONFERRED—July 31, 1959

Thomas Francis Allen, B.A., Mathematics	Ann Arbor, Michigan
Richard James Ambs, B.A., History	Middletown, Indiana
Edward James Andary, B.S., Education	Detroit, Michigan
Sister Mary Benildes Ante, C.P.P.S., B.S., Education Magna Cum Laude	Dayton, Ohio
Sister Mary Eustacia Bacheski, O.S.F., B.A., Theology	Sylvania, Ohio
Sister Mary Clare Bartkowiak, O.S.F., B.A., Theology	Sylvania, Ohio
Joseph Anthony Borggra, B.A., Mathematics-Physics	Joliet, Illinois
John F. Clifford, B.S., Marketing	Chicago, Illinois
John Leonard Coombes, B.A., Mathematics-Physics	Willow Springs, Illinois

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John Edward Crackel, B.A., Mathematics-Physics Magna Cum Laude	Owosso, Michigan
Thomas E. DeClercq, B.A., Sociology	Royal Oak, Michigan
Richard August Deters, B.A., Mathematics-Physics	Teutopolis, Illinois
Philip Richard Donegan, B.A., Chemistry*	Chicago, Illinois
Sister Mary Theophane Duwel, C.P.P.S., B.A., Theology	Dayton, Ohio
Sister Mary Providentia Gosche, C.P.P.S., B.A., Theology	Dayton, Ohio
Joseph Edward Gregorich, B.A., Mathematics-Physics	Joliet, Illinois
Sister Mary Celine Therese Grilliot, C.P.P.S., B.A., English Summa Cum Laude	Dayton, Ohio
Lola Ruth Johnson, B.S., Education	Shelby, Indiana
John Joseph Kostyal, B.A., Mathematics-Physics	Ottawa, Illinois
Robert Anthony Lausch, B.A., Mathematics-Physics	Ottawa, Illinois
Sister Mary Edigna Link, C.P.P.S., B.A., Theology	Dayton, Ohio
Sister Mary Reginald McAleer, S.S.N.D., B.A., Theology	Milwaukee, Wisconsin
Joseph Patrick Maher, B.S., Mathematics	Chicago, Illinois
Sister Pierre Marie Moore, O.S.B., B.A., Theology	Chicago, Illinois
Sister Mary Catherine Rose Murphy, B.V.M., B.A., Theology	Dubuque, Iowa
Sister Mary Rosine Murphy, B.V.M., B.A., Theology	Dubuque, Iowa
John Michael Murray, B.A., Philosophy*	Lorain, Ohio
Raymond Joseph Niccolai, Mathematics-Physics	Oak Park, Illinois
James Leo St. Amour, B.A., English	Chicago, Illinois
Sister Mary Stanilia Switzer, S.S.N.D., B.A., Theology	Milwaukee, Wisconsin
Sister Mary Angele Timmers, O.S.F., B.A., Theology	Oldenburg, Indiana
Sister Mary Avila Wild, C.P.P.S., B.S., Education Cum Laude	Dayton, Ohio
Sister Marie Celine Wilhelm, O.S.F., B.A., Theology	Oldenburg, Indiana
Edward Lawrence Windom, B.A., Mathematics-Physics	Galesburg, Illinois
Sister Mary Paul Wurm, C.P.P.S., B.A., Theology	Dayton, Ohio

* Nominated to Who's Who Among Students in American Colleges and Universities.

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DEGREES CONFERRED—January 31, 1960

THE ALUMNI MERIT AWARD: FIRST CONFERRAL

VINCENT J. GIESE, '45

Roy L. Bailey, B.S., Accounting	Griffith, Indiana
Kenneth Joseph Banks, B.A., Philosophy	Fowler, Indiana
Donald J. Baumgart, B.S., Marketing	Gary, Indiana
Frederick A. Bornhofen, B.A., Mathematics	Des Plaines, Illinois
Thomas Willard Busch, B.A., Philosophy	Cleveland, Ohio
James Craig Caswell, B.S., Accounting, Cum Laude	Ionia, Michigan
Thomas M. Cavanaugh, B.A., Economics	Lansing, Michigan
Fred John Devereaux, B.A., Philosophy	Flint, Michigan
Mark Joseph Doorley, B.A., Economics	New Bremen, Ohio
Timothy R. Downey, B.S., Marketing	Hammond, Indiana
Leroy Stanley Dyrek, B.S., Biology	Chicago, Illinois
Raymond Stephen Edwards, Jr., B.S., Marketing	Deerfield, Illinois
Raymond Bryant Elenteny, B.S., Marketing	Chicago, Illinois
John Robert Evans, B.S., Marketing	Chicago, Illinois
James Christopher Hagearty II, B.S., Marketing	Kankakee, Illinois
Michael Edward Knight, B.S., Sociology	Schererville, Indiana
Joseph Paul Kovitch, B.A., Economics, Summa Cum Laude*	Berwyn, Illinois
George William Lingen Jr., B.S., Biology	Evergreen Park, Illinois
Oscar Ernest Nemeth, B.S., Marketing	North Liberty, Indiana
Daniel Lawrence Rogovich, B.S., Physical Education	Chicago, Illinois
Charles Edward Spielman, B.S., Physical Education	Canton, Ohio
Edwin L. Thomas, B.S., General Business	Chicago, Illinois
Michael Joseph Vallone, B.S., Marketing	Chicago, Illinois
Norman Edward Van Maldegiam, B.S., Marketing	Chicago, Illinois
Charles Francis Vaughan, B.S., Physical Education	Rockford, Illinois
Gerald F. Walker, B.S., General Business	Evergreen Park, Illinois
Joseph Michael Watson, B.A.,* Economics Magna Cum Laude	Philadelphia, Pennsylvania

* Nominated to Who's Who Among Students in American Colleges and Universities.

HONORS AND AWARDS: 1959-60

**Delta Epsilon Sigma
National Catholic Honors Society**

Class of 1959

David R. Carey, B.A.	Richard J. Meister, B.A. cand.
John L. Coombes, B.A.	Albert J. Mueller, B.A.
Richard A. Deters, B.A.	John C. Neff, B.S.
Philip R. Donegan, B.A.	Paul J. Stucker, B.A.
LeRoy M. Ellgass, B.S.	Henry A. Stukenborg, B.S.
Cletus H. Habing, B.S.	Richard P. Sutter, B.A.
Lawrence J. Herber, B.S.	Peter O. Warner, B.S.
Richard F. Koch, B.S.	Edward L. Windom, B.A.
Leo A. Kominek, B.S.	Mrs. Ruth Yeoman, B.S.
Joseph P. Kovitch, B.A.	

The Alumni Essay Award

Donor: Saint Joseph's College Alumni Association

First Prize: James R. McCullough

Second Prize: Ronald H. Moorman

The Mary J. Pursley Award for Creative Writing

Donor: The Most Reverend Leo A. Pursley, D.D., LL.D., '21

Winner: Ronald H. Moorman

Honorable Mention: Henry A. Pictor

The Hanley Science Award

Donor: Mr. William A. Hanley, D.Eng., LL.D., '08

First Prize: Raymond W. Tennant

Second Prize: William J. McCrea

Honorable Mention: Leo A. Kominek, John C. Neff, David L. Verdeyen

The Monsignor T. M. Conroy Memorial Oratory Medal

Donor: Reverend James J. Conroy, '32, Huntington, Indiana

First Prize: Patrick J. Goedert

Second Prize: John L. Conlon

Third Prize: Thomas J. Maloney

The Indiana Association of Certified Public Accountants Award

Winner: LeRoy M. Ellgass

The Lay Trustees Business Award

Donor: Members of the Board of Lay Trustees and St. Joseph's College

Winner: Henry A. Stukenborg

The John P. Hruzik ('52) Geology Award

Donor: The Geology Department

Winner: Edward J. Graczyk

The Louis F. White ('54) Memorial Award

Donor: The Glee Club

Winner: John C. Christen

The Camera Club Award

Division Color:

First Prize: John J. Lulewicz

Second Prize: Raymond B. Elenteny

Division Black and White:

First Prize: Charle R. Seputis

Second Prize: David P. McDermott

The San Jose Models and Crafts Award

Models: Patrick Goedert

Crafts: Donald Stazy

“Stuff” Annual Achievement Award to Outstanding Campus Club

Winner: Engineering Club

Saint Joseph's Mother of the Year

Donor: Student Council

Winner: Mrs. Helen Peluskey

APPENDIX III.

ALUMNI ASSOCIATION

Organized June 17, 1896, after the charter class of 1891 was graduated, the Alumni Association of Saint Joseph's College was established . . . “to cherish and strengthen the love of the graduates of St. Joseph's College for their Alma Mater; to keep graduates of the different classes in communication with the college and with each other; and to bring about an acquaintance and friendship among the graduates of the different years that they may assist each other in

attaining these ends." Membership is open to any graduate or former student who leaves in good standing. There are no dues. The college publishes an alumni newspaper which is mailed to all members nine times a year without charge. Alumni are invited to return to the campus each year for the annual homecoming weekend held during football season. Chapters of the association are established in cities throughout the country. The association assists the college in: fund raising; student recruitment; publicizing the college in local communities; and placement of graduates.

GIFTS AND BEQUESTS

Gifts and bequests of money, securities or real estate are gratefully received by Saint Joseph's College. Many additions have thus been made to the resources of the institution.

To serve the College in this way it is not necessary to make a large bequest. There are doubtless many who without injury to family or other interests could bequeath \$500, \$1,000, or \$5,000; and some who might bequeath a much larger sum.

Unless other use is specified, it is the general policy of the institution to designate funds so given as a part of the permanent endowment of the institution.

In order to be valid in most states, a will must be signed by the testator in the presence of at least two disinterested witnesses who should attest the instrument as such witnesses.

FORM OF GENERAL BEQUEST

I hereby give and bequeath to the Board of Control of Saint Joseph's College, situated at Collegeville, Indiana, and to their successors forever, for the use of said institution in fulfillment of its general corporate purposes. (State here the sum of money which you desire to give, or describe the property or securities constituting the bequest.)

ANNUITIES

Anyone desiring to further the education of Catholic youth and the progress of training under Catholic auspices through the annuity plan may secure detailed information concerning the plan sponsored by Saint Joseph's College by writing to the **Very Reverend President, Collegeville, Indiana.**

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DIRECTORY

Rensselaer, a city of five thousand, is situated in northwestern Indiana. On the Monon Route (Chicago, Indianapolis, and Louisville Railway), it is 73 miles southeast of Chicago, 50 miles southeast of Hammond, Indiana. Approached from the south, it is 110 miles northwest of Indianapolis, and 47 miles northwest of Lafayette. East and west railway lines connect with the Monon at various points—Chicago, Hammond, Lafayette, Delphi, Frankfort and Indianapolis.

Saint Joseph's College (Collegeville) lies just outside the city's southern limits. Taxi service is available from the Rensselaer depot. Indiana State Highway 53 (U.S. 231) one of the main routes connecting Chicago and Indianapolis, passes through the College grounds. The Indiana Motor Bus Company, operating between Cincinnati and Chicago, uses Route 53 and will take on and let off passengers at Collegeville.

Mail: Saint Joseph's College, Rensselaer, Indiana.

*Telephone: Rensselaer, Indiana, 800.

Telegraph: Saint Joseph's College, Rensselaer, Indiana.

Express, Freight, and Baggage: Saint Joseph's College, Rensselaer, Indiana.

*TELEPHONE CALLS

The College telephone switchboard is open from 8:00 a.m. until 10:00 p.m. each day during the school year. During vacation periods it is open from 8:00 a.m. until 9:00 p.m.

During these hours incoming calls to college students (except to those living in Scharf, White, and Washburn) should be made through the College switchboard (Rensselaer 800).

From 10:00 p.m. until 8:00 a.m. calls should be made directly to the pay phone in the hall in which the student lives. Each student should give members of his immediate family the number of his hall pay phone.

The following are the numbers of hall pay phones on which incoming calls should be received after 10:00 P.M.

Adm. Bldg.	Rensselaer	LD 8	Halas	"	LD 804
Bennett	"	LD 813	Merlini	"	LD 11 W
Drexel	"	LD 7	Noll	"	LD 814
Gallagher	"	LD 15	East Seifert	"	LD 11 R
Gaspar	"	LD 13	West Seifert	"	LD 12

Calls to students in the following halls should be made directly to the hall at all times:

Scharf	Rensselaer	3026 M
White	"	3026 W
Washburn	"	LD 812



